Dayton Hamvention®

Sponsored by Dayton Amateur Radio Association
Since 1952

Global Friendship

May 20-22, 2011

Dayton Amateur Radio Association
W8BI
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The Dayton/Montgomery COUNTY Convention & Visitors Bureau

Welcomes

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Dayton OHIO

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1-800-221-8235

www.daytoncvb.com

DAYTON CONVENTION & VISITORS BUREAU MONTGOMERY COUNTY

Welcome to the 2011 Dayton Hamvention®
Global Friendship

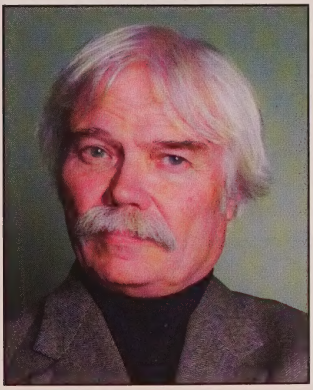
On behalf of all the members of the Dayton Amateur Radio Association we are pleased to welcome you to Hamvention® 2011! Many volunteers have been working very hard for the last year to produce this amazing event. Hamvention® requires hundreds of volunteers from around the world all working harmoniously so our guests have memorable and pleasurable experience possible. I hope you will join me in thanking these volunteers for their dedicated participation.

It seems as if world events continue to bring forth both major political and geographical upheavals affecting millions of people throughout the world. Amateur radio could not be more relevant or needed than at the present moment. At the heart of these political uprisings and natural disasters are the amateur radio operators who tirelessly hold open the communication lifeline to the outside world. I have heard news accounts that during the crisis in the Middle East the internet was shut down for periods and the only communication available was through Amateur Radio.

The theme for Hamvention® this year is Global Friendship. Amateur Radio has the unique opportunity to promote friendships not only between countries but between ourselves! Now is the best of times to promote and recruit new members to the hobby. While you are here take the time to make a new friend; promote Global Friendship through Amateur Radio. Thanks again for making the journey here and celebrating Amateur Radio. We wish you all an enjoyable Hamvention®!

73's

Michael Kalter W8CI
General Chairman
Hamvention® 2011



Josh Long KD8BVB
Asst. General Chairman
Hamvention® 2011

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Publication Deadline

Information to be included in the Hamvention® Program must be submitted to the appropriate Hamvention® Committee no later than April 1 of the publication year.

Cover

The front cover was created by Chuck Wright, K8MDB, in recognition of our theme ***Global Friendship.***

The Dayton Hamvention® Program is published by the Hamvention® Committee. Permission is granted for reprinting articles, provided credit is given to the original author and the Hamvention® Program.

Souvenir Program Committee

Chair ..... Jerry Miller, WD8QAI
Asst. Chair ..... Mel Berman, W8GTR
Proofreaders ..... Mel Berman, W8GTR
Barb Holmes, N8EYW
Tom Holmes, N8ZM
Lynn Roberts, N8LXK

The Dayton Amateur Radio Association (DARA) and Hamvention® fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention®. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services at our event.

Activities & Times

FRIDAY ACTIVITIES

8:00 a.m. -	6:00 p.m.	Flea Market open. Bus service available starting 7:00 a.m. (Buses are scheduled to pick up passengers to arrive at HARA by 8 a.m.) Programs available at all ticket selling points & DARA Booth.
9:00 a.m. -	6:00 p.m.	Inside Exhibits open, prizes on display, and exams.
9:15 a.m. -	5:00 p.m.	Forums and scheduled activities.
11:00 a.m. -	6:00 p.m.	Hourly prize drawings.

SATURDAY ACTIVITIES

8:00 a.m. -	5:00 p.m.	Flea Market open. Bus service available.
9:00 a.m. -	5:00 p.m.	Inside Exhibits open.
9:15 a.m. -	5:00 p.m.	Forums and scheduled activities.
9:00 a.m. -	3:00 p.m.	Hourly prize drawings.

SUNDAY ACTIVITIES

8:00 a.m. -	1:00 p.m.	Flea Market open.
8:00 a.m. -	3:00 p.m.	Bus service available.
9:00 a.m. -	1:00 p.m.	Inside Exhibits open, prizes on display.
9:00 a.m. -	12:00 p.m.	Hourly prize drawings.
9:15 a.m. -	12:00 p.m.	Forums and scheduled activities.
	1:00 p.m.	Award Winners' Presentation in Hara Arena.
	1:00 p.m.	Prize Drawing in Hara Arena (unclaimed hourly prizes, followed by main prizes). Bus Service will be available for a short time after the main prize drawing.

Tickets

Full-price tickets are available at the Hara Arena Box Office (Door #14) and the East Hall (Door #27) during the times shown below. A General Admission ticket is required to enter both the Inside Exhibits and the Flea Market. The tickets are $25.00 and valid for all three days. All persons over 12 years of age attending the Hamvention® Inside/Flea Market Exhibits are required to have an admission ticket. Age 12 years and under are FREE.

Individual bus tickets for transportation between Remote Parking at the former Salem Mall and Hara Arena will be available at the Remote Parking Site for $3.00 per day or $8.00 for a weekend pass. Children under 45" or 12 years of age ride the bus free.

Ticket Sales Hours

Friday	7:00 a.m. to 6:00 p.m.
Saturday	7:00 a.m. to 5:00 p.m.
Sunday	7:00 a.m. to 12:00 p.m.

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• Europe's biggest HAM flea market
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www.hamradio-friedrichshafen.com
MESSE FRIEDRICHSHAFEN
DARC
www.koelnfotunter.de

Services

BAGGAGE CHECK

Baggage (boat anchors) can be checked for $3.00 per claim check in the Baggage Check room located across the hall from Forum Room 3, just inside Conference Center entrance (Door #6) on the left. All items must be reclaimed by closing time each day. No overnight storage is permitted. Time extended to 3:00 p.m. on Sunday.

BANKING SERVICES

Local banks are located near the former Salem Mall area. (See map on page 7.) An ATM is located to the right of Hara Arena's front door and opposite booth 483 (See map on pages18-19.)

DARA

The DARA Booth is located in the lobby of Hara Arena. DARA where Programs are available. DARA membership is located inside of Door 1 (Map 18-19).

EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located to the right of the Conference Center Entrance. See the Inside Exhibits Map on Pages 18-19.

Emergency care is also available from the following:

Doctors' Urgent Care
5915 N. Main Street, (937) 278-3826
8:30 a.m. - 10:00 p.m.

From Hara Arena: take Shiloh Springs east to traffic light at Main St. Turn left to second building on left.

Good Samaritan Hospital
2222 Philadelphia Dr., (937) 734-2612

From Hara Arena: take Wolf Road to Salem Ave. Turn left, proceed to the traffic light at Philadelphia. Follow signs to ER Entrance.

LOST & FOUND

The DARA Booth located in the Hara Arena Lobby will accept lost items. Items can be retrieved at this location the day the item was lost. To retrieve lost items later, please go to Hara Arena Box Office.

MESSAGE CENTER

Leave a message for your friends by submitting their call sign and message at the DARA Booth in the Hara Arena Lobby. Prize Monitors throughout the arena complex will periodically list "message holding" by call sign.

LICENSE EXAMS

Technician, General and Amateur Extra Class exams will be given at Hara Arena on Friday at 2:30 p.m. and Saturday at 9:30 a.m. and 1:30 p.m. Pre-registration is not required. Those requiring special assistance (no stairs, verbal exam), please stop by our registration table early.

Each examinee must have the following:

1. The original and a copy of your current amateur license.
2. The original and a copy of any CSCEs.
3. A completed 605 form.
   (Blank forms will be available.)
4. A government issued photo ID
   (For example: a Driver's License)

SHIPPING SERVICE

The UPS Store offers freight service from the floor of Hamvention®, near the North Hall entrance (Door #20) Booths 165 & 166. See map on Pages 18-19. Hours are as follows:

Friday	9:00 a.m. - 6:00 p.m.
Saturday	9:00 a.m. - 5:00 p.m.
Sunday	9:00 a.m. - 1:00 p.m.

SPECIAL EVENT STATION

The Special Event Station (W8BI) will operate in the Ballarena inside Door #1. The Station will be operating the hours of the Inside Exhibits.They will be operating at the following frequencies:

40M-7.227/7.050,30M-Digital Station, 20M-14.270/14.050, 10M-28.470/28.050, 443.775/448.775 IRLP Node #4267

QSLs & certification: Hamvention®, PO Box 44, Dayton, OH 45401 include an Self-Address and Stamped 8 x 11 envelope.

TALK-IN FREQUENCIES

For directions and assistance in the Dayton area during your visit to Hamvention®, contact "Talk-In" on the DARA Repeater 146.94 (-) with a backup frequency of 146.64(-). Dayton Hams also monitor 223.94 (-) and 442.1 (+).

Transportation & Parking

FREE PARKING & BUS SERVICE

Satellite Parking - at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue. Bus Service is provided to and from Hamvention®. Buses run continuously starting at 7:00 a.m. and complete their routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. Keep your bus ticket as there is no limit on the number of times you may ride the bus per day.

PAID PARKING

Hamvention® has no paid parking available at the Arena, but paid parking for $10 per day will be available in the lots across from Hara Arena on Wolf Road. Hamvention® has no control over that parking. The parking is on grass lots so weather conditions will determine how many spots are available. In the past, some churches and other businesses have offered paid parking near Hamvention®, but we have no information on whether any of those spots will be available this year or what their cost might be. The easiest choice is to park at the former Salem Mall and ride the bus to the Arena.

TRUCK & TRAILER PARKING

Semi-trucks and/or trailers, other over-sized vehicles and large self-contained vehicles can park in designated areas at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue (See Map on page 47). No overnight camping is permitted. Trailers must be removed by 9 p.m. each day.

Future Hamvention® Dates

May 18, 19, & 20, 2012
May 17, 18, & 19, 2013
May 16, 17, & 18, 2014

CAMPER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the former Salem Mall located at the corner of Shiloh Springs Road and Salem Avenue (See map on page 47). From there you may take the bus to Hara Arena. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. No overnight camping is allowed.

Campers and trailers may park or camp at Tall Timbers KOA Campground (1-937-833-3888). Bus service will be available. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only.

TEMPORARY LOADING PASS

A temporary loading pass may only be obtained from the guard at Entrance 1 during the show (see ADA map on Page 6). This restricted loading pass will be valid for 20 minutes and will allow you to use a designated area to load and unload equipment, or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at the Exit when you leave.

Scootaround
Mobility Product Rentals

SCOOTERS

Arrangements may be made by contacting Scootaround Inc toll-free at 1-888-441-7575, by email at info@scootaround.com, through their website at www.scootaround.com, or by fax at (204) 478-1172. Rental rate is $165.00 based on a three-day period. Equipment will be available on site based on availability for $65.00 a day. Advance reservations are encouraged. To pick up your scooter, please go to Door 26, see map on Pages 18-19.

TAXI INFORMATION

Miami Liberty Cab	937-222-2822
Checker Cab	937-222-4011
Antons	937-252-4756
Air City Cab	937-252-4444

Transportation & Parking (continued)

ADA PARKING

Hamvention® does not have any public parking immediately at HARA Arena; however, it has been our desire and policy for many years to accommodate those individuals with special needs. We are very sensitive to those needs and have gone well beyond all regulations to secure (at extra cost to Hamvention®) a limited number of spaces for these needs. Unfortunately the demand for ADA/Handicapped parking continues to grow dramatically each year and we simply are unable to accommodate everyone who requests a space.

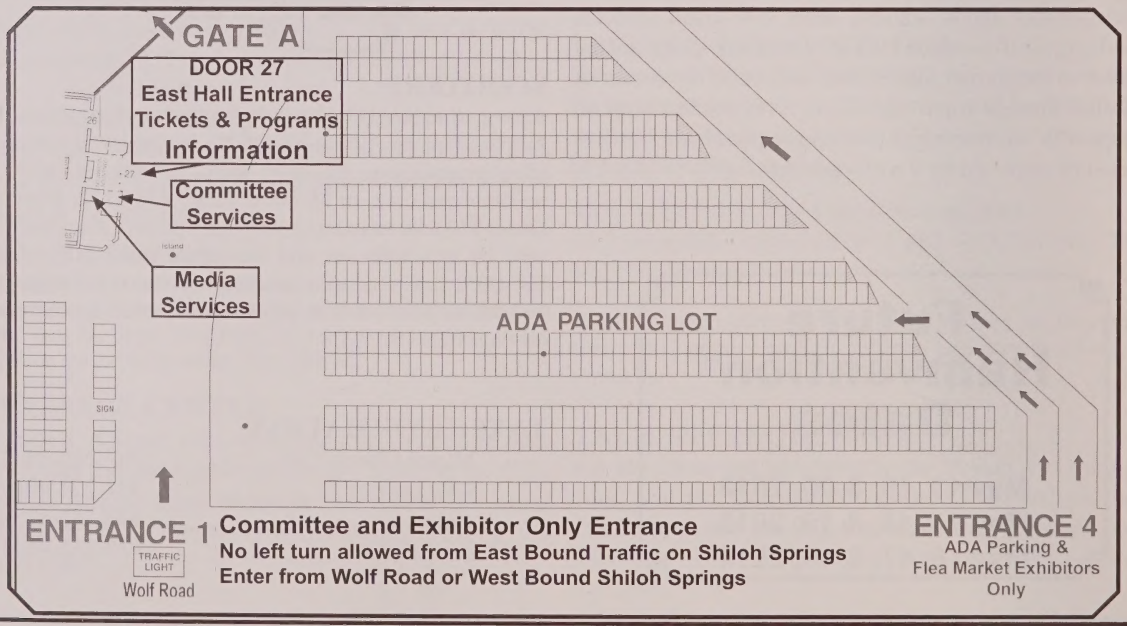
Therefore, as in past years, we require that you send with your ticket request a copy of your State Issued ADA Parking Certificate and registration, along with an SASE, and we will process your request in the order in which it is received. Please remember, there are a very limited number of ADA/Handicapped parking spaces available, so get your request in early.

We have set aside twenty (20) "Reserved" ADA Parking spaces for those individuals who were unaware of/or choose not to follow our recommendation to register early. Please understand if you choose to wait and just come to the show, the probability that you will find no ADA/Handicapped spaces available is extremely high.

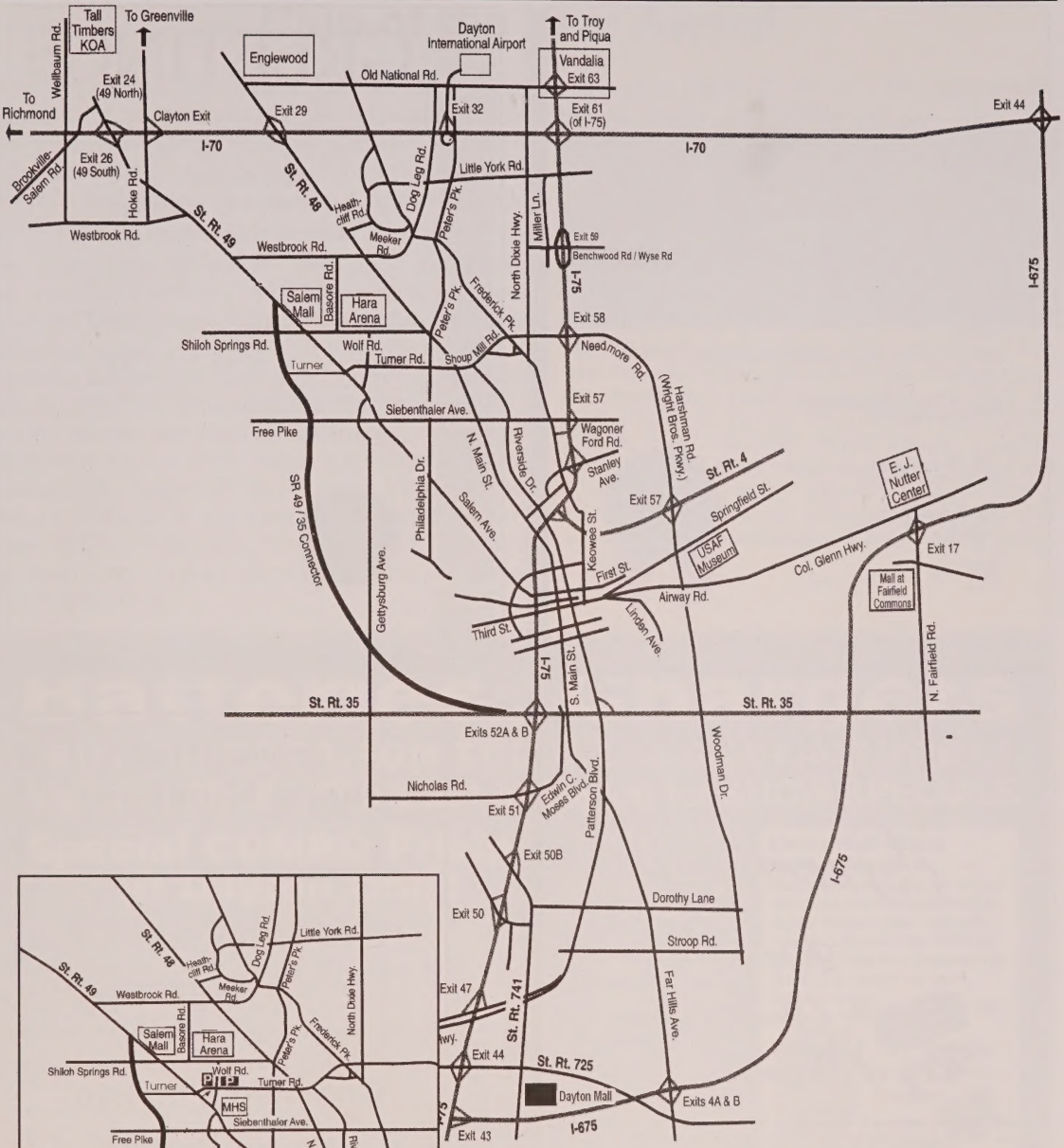
Again, we STRONGLY urge you to send in your request early and in advance of the show.

The ADA parking fees remain the same as last year: $8.00 per day per car and $25.00 per day for campers, etc, payable at the gate. (Please note: Overnight campers, etc., are not permitted at Hara Arena.)

Please note: The buses running from Remote Parking to Hara Arena front entrance are ADA equipped.



Dayton



P - Non Hamvention® Paid Parking

Welcome

GREETINGS TO

All Participants of the
Dayton Hamvention
May 20-22, 2011

As Commissioners of Montgomery County, we would like to welcome you to our region for participation in the **Dayton Hamvention Convention**. We believe the offerings of Dayton and Montgomery County will be enjoyable for you and, most importantly, all the attendees of your convention.

As you will discover, this area is rich in heritage, history, culture, and diversity. Our fine museums, attractions, shopping, and dining establishments will undoubtedly prove their outstanding reputations to you during your stay.

While you travel about the Dayton region, we believe you will realize the many advantages of selecting this area for your event. We stand ready to support all of your efforts and are certain you will find equal enthusiasm from our Convention & Visitors Bureau as well as the entire hospitality community.

Again, we welcome you to Dayton/Montgomery County and look forward to your return visit.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
Montgomery County, Ohio

Deborah A. Lieberman, President

Judy Dodge

Dan Foley

GREETINGS

From the Office of the Mayor
The City of Dayton, Ohio
Gary Leitzell
Mayor of the City of Dayton
Dayton Hamvention
May 20-22, 2011

On behalf of the City of Dayton, I am pleased to welcome the members of The Dayton Hamvetinon Annual Convention to Dayton, Ohio.

While we understand your focus during this event is to foster old friendships and develop new relationships, we also hope you will find the time to learn about our city.

Dayton is home to the Wright Brothers and the "Birthplace of Aviation," therefore, it is only natural that many of our attractions would feature our aviation heritage. You can learn about the history of flight by visiting the Dayton Aviation Heritage National Historical Park, the Aviation Trail and the United States Air Force Museum, just to name a few.

I extend my very best wishes for a rewarding and memorable event in 2010 and beyond.

Sincerely,
Gary Leitzell
Mayor

Hamvention Greetings 2011

From The Office of the Mayor
City of Trotwood, Ohio

It gives me great pleasure to welcome you to the great City of Trotwood where we are creating a bright future for our community. We are delighted and honored that you continue to choose our City to host the Annual Hamvention event. My earnest hope is that the friendships and sharing of information continue to grow as you grow in your display of the history as well as the future of radio and the various ways to communicate. On behalf of the City of Trotwood, Ohio we wish you all the success in reuniting with friends, networking with many participants and attendees, and promoting amateur radio at its best.

I wish all of you a great time at Hamvention 2011.

Joyce Sutton Cameron, Mayor

Hamvention® Phone Numbers

Emergency (937) 276-6930

Inside Exhibits (937) 276-6931

Flea Market (937) 276-6932

Comments Invited!

Comments on your experiences at the Dayton Hamvention® should be addressed to the following:

General Chairman
Dayton Hamvention®
P.O. Box 964
Dayton, Ohio 45401-0964

Club of the Year Award

Our Club of the Year award goes to The Albemarle Amateur Radio Club, Inc. This non-profit, organization is dedicated to the advancement of Amateur Radio and public service. The club was formed in 1963, incorporated in 1970. The club has over one hundred members in Central Virginia, and was re-designated a Special Service Club by ARRL in December of 2010.

The club supports youth with dues exemption. The club provides two $100 awards to the local Science Fair competition. The club provides entry and upgrade classes and tutoring as well as regularly scheduled VE testing. The club provides coordination communications for many public service events and race competitions, Taking a leadership role in ham radio activities, the club successfully staged the first Annual Virginia Ham Radio Cruise-In. It was cited in the January, 2011 Issue of QST offering a "How-to-do-It" Kit that has been requested by dozens of clubs all across the United States.

The Albemarle Amateur Radio Club gathers for a bike race pre-event briefing and assignments. Club members are wearing their public service safety vests. They are (Left to right): Vic Vickery – N3DFS, Bill Pond – N0WP, Kenneth Kang – KJ4KIH, Dayton Haugh – AA4DH, Pat Crosby – K4PMC (Back to camera), Greg Faust – N4PGS, Elmer Scott – KF4UCI, Jonathon Scott – KJ4RPW, and Don Bush – KE4DDR. The hidden face is a non-club, unidentified person. (Photo by Jim Crosby – K4JEC)

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Affiliated Events

Multi-day Events

QRP Amateur Radio Club International

Holiday Inn, Fairborn, OH. FDIM 2011 runs from 19-22 May. See website for details.
Friday - Hamvention®, Show and Tell, Homebrew Contest, Vendors Night
Saturday - Hamvention®, Grand Banquet
Sunday - Hamvention®

2011 Contest Super Suite

Fri. May 20 thru Sat. May 21, 2011
7:00 p.m. - 2am Each Night
Crowne Plaza, Dayton OH
2nd floor - Miami and Beckel Ballrooms
Free Pizza Parties Both Nights!
We welcome all Contesters and DXers
Cash Bar available
http://contestsupersuite.com

Friday, May 20
10:30 p.m. Spurious Emission Band performs live.
11:00 p.m. Pizza Party is sponsored by the Potomac Valley Radio Club.

Saturday, May 21
11:00 p.m. Pizza Party is sponsored by the Yankee Clipper Contest Club.

Hams on Twitter Meetup

If you'd like to meet the Hams you've gotten to know so well on Twitter, we will be meeting on Friday and Saturday at 11:00 a.m. and 3 p.m. at the Hamvention® Docking area. It is located just to the east of the North Hall Entrance. See the Hamvention® Exhibits Map on pages 18-19. Sunday we will meet again at 11:00 a.m. at the Dock. For Sunday's Prize Drawing, we will be sitting in section 3 and 4. Please visit www,hamtwit.net or email Craig, KD8NJZ@arrl.net for more information.

Friday

BalloonSat Launch

On Friday afternoon, a weather balloon carrying amateur radio (BalloonSat) will be launched from the grounds of the Dayton Hamvention® following the BalloonSat Forum which ends at 2:15 PM. The balloon will carry APRS transmitters on 144.39 MHz (WB8ELK-11) as well as multi-mode downlinks on DominoEX22 and 300 baud ASCII RTTY on 144.36 MHz (recommend using dl-FLdigi to decode). SSTV right after the telemetry on 144.36 is a possibility as well. The balloon should reach a peak altitude of 100,000 feet and will then parachute back to Earth. Onboard video camcorders will record an aerial view of the Dayton Hamvention® during the ascent and will provide amazing views from the very edge of Space that will show the blackness of Space and the curve of the Earth.

Georgia D-Star

The Georgia D-STAR group will again host a session of D-STAR information Friday, May 20, 7:00 to 9:00 p.m. The presentations will be at the Drury Inn, 6616 Miller Lane. Join other D-STAR enthusiasts to find out what's going on across the country in D-STAR. Don't miss the opportunity to meet the people behind those D-STAR QSOs. Light refreshments will be provided. More info is available at www.dstarinfo.com.

Dayton D-STAR

145.270- W8HEQ Port C. -- Accessibility outdoors at Hamvention® HARA Arena with a handheld at 0.5 watts is marginal with R2D2. Higher power is recommended.
444.0875+ W8HEQ Port B. – Marginal coverage at HARA Arena.
Good coverage analog repeaters are:
146.940- Tone 123 Hamvention® Talk-In
146.910- Hamvention® Talk-In backup frequency
146.640- Skywarn Weather 145.110- Tone 67 ARES
146.820- Tone 77 Good coverage Dayton area
147.360+ Tone 77 Good coverage Dayton area
146.985- Tone 123 linked to 442.925
442.100+ Tone 123 Good coverage Dayton area
442.925+ Tone 123 Excellent coverage around Hamvention® 442.950+ Tone 118.8 Huber Heights (Dayton northeast suburb)

VHF Weak Signal Group Banquet

I would like to invite all Weak Signal VHF, UHF and Microwave enthusiasts to the 16th VHF Weak Signal Group banquet to be held on Friday evening May 20th, 2011 at the Doubletree Dayton Downtown Hotel at 11 South Ludlow Street, Dayton, OH 45402.

Cash Bar at: 6:15 p.m.
two entrée sit-down dinner at 7:15 p.m.
Prizes at 9:00 p.m.

Reservations are required. Cost per person is $35.00 and includes dinner and prize ticket. Seating is limited to 125 and spouses are welcome to join us and are eligible for the prize drawing. Please include the names and calls of all attendees as well as an email address. Indoor Valet Parking is included in the price. There is limited parking on the street for those vehicles to large for the garage.For more information contact Tony at WA8RJF at ARRL.net

22nd Annual TopBand Dinner

Crowne Plaza Hotel – Van Cleve Ballroom
Friday, May 20, 2011 6:15 PM social hour
7:30 PM Dinner
Dinner programs and TopBand hospitality Reservations in advance.
Please go to http://topbanddinner.com for information.

Collins Collectors Association Banquet

Banquet at the Ramada Plaza @ 7:00 p.m., Speaker & Door Prizes. Annual Collins Collector's Association Awards Banquet to be held Friday Night, May 20, 2011. Social Hour and libations begin at 6:00 PM with the Official CCA Banquet Dinner commencing at 7:00 p.m. sharp! The speaker will be James Maccani, W0HUP, former Customer Service Manager for the HF/KWM380 talking on this notable rig. More Information is at: http://collinsradio.org. Event Point of Contact: James F. Stitzinger jstitz@pacbell.net.

QCWA Banquet

Fri 20 May 7:30 p.m., at Holiday Inn Da,yton Airport is located NW corner of N. Main St. and I-70. (Engelwood).

Presentation: "My Life as an Artist" by Richard Black

Register with Jerry Ragland, WA8BOB, Tel (937) 746-5857 Cost is for $25 per person.

The SouthWest Ohio DX Association (SWODXA)

is pleased to again sponsor the DX Dinner™, held in conjunction with the 2011 Dayton Hamvention®. The dinner will be held on Friday, May 20, 2011. This year the dinner will be at the Dayton Marriott, 1414 S. Patterson Blvd., Dayton, OH 45409.

We are excited about our new venue. It is less than five minutes from our previous location, has a much larger capacity, and the dining room is on the ground floor so there are no steps. There is ample, free, on-site parking. As in the past, there will be some major door prizes. And there is always great anticipation as to who will be named the "DXpedition of the Year". Program details and a list of the prizes will be available soon at www.swodxa.org or www.swodxa.blogspot.com.

There will be a cash bar starting at 5:30 p.m., with dinner served at 7:00. Tickets are $40 each, payable in US funds. Sorry, we do not process Paypal or credit card payments. If a vegetarian meal is desired, it must be indicated when tickets are ordered. We attempt to honor group seating requests when tickets are ordered together. Each table seats ten, and seats are assigned as the requests are received. For more information and to order dinner tickets, visit WWW.SWODXA.ORG.

AMSAT and TAPR

will hold their annual Hamvention® banquet at Kolher's Presidential Banquet Center in Kettering, OH on Friday May 20, 2011. Reservations are required in advance and can be made through the AMSAT store at www.AMSAT.org. Happy hour will begin at 6:30 PM and dinner will be served at 7:30 PM. The guest speaker will be Dr. David Rowe, VK5DGR talking about The Village Telco. Tickets ordered through AMSAT may be picked up at the AMSAT booth or at the door of the banquet.

Saturday Activities

One-Day Class for Technician Class Amateur Radio License

Study and get your Technician Class Amateur Radio License right at Hamvention®, the same day!
When: Saturday 9:00 AM 4:00 PM;
Where: In the Hallway behind the Main Arena. See the Inside Exhibits map on pages 18 and 19. This is a full day training class for the Technician Class Amateur Radio License. **STUDENTS MUST PRE-ENROLL PRIOR TO CLASS**. Upon enrollment, students will receive a course book, workbook and access to on-line pre-study materials. Everything will be taught in class, along with several exciting demonstrations of amateur radio. Exams will be conducted at the conclusion of class. This leaves time on Sunday to do some last minute radio shopping! Go to http://www.hamclass.net/hamvclass.htm for more details and enrollment information.

Midcars Eyball QSO Gathering

"Midcars, (The Midwest Amateur Radio Service) will hold an "Eyeball QSO Gathering" in the west half of the Food Concession Area from 2-3PM on Saturday, May 21, 2011. Meet some of the many hams who check in on 7258 KHz daily (from 8:30 – 2:00 Eastern Time on weekdays and from 9:00-2:00 on weekends) to stay in touch with friends and provide support services for those mobiling around the country. Look for the white and orange "Midcars" signs sticking up from the tables.

Penn-Ohio DX Society 070 Club Dinner

Karen Russo, W4KRN, has again graciously agreed to act as our "social coordinator" for a PODXS Ø7Ø Club dinner @ The Spaghetti Warehouse Restaurant 36 West 5th St. Dayton, OH 45402 at 6:00 pm. What a great opportunity to not only attend Hamvention®, but also enjoy the company of some of our fellow members. If you are planning on attending, please drop Karen an email at: w4krn@his.com

The 19th Annual Dayton Contest Dinner

The North Coast Contesters are proud to announce The 19th Annual Dayton Contest Dinner. Master of Ceremonies for the Dayton Contest Dinner is John Dorr, K1AR. The 2011 CQ Contest Hall of Fame Inductions will be formally announced by the CQ World Wide Contest Director Bob Cox, K3EST. The main dinner speaker will be Scott Redd, K0DQ. The Contest Dinner will be held on Saturday night, May 21, 2011 at 6:30 PM Cash bar opens at 5:30 PM. Located at the Crowne Plaza Hotel (Official Contest Hotel) 5th and Jefferson Streets Dayton Ohio in the VAN CLEVE BALLROOM. Seating is random. Tables are set in rounds of 10. Tickets are only available on http://www.contestdinner.com There are no tickets available at the door.

Kansas City DX Club Annual CW Pileup Competiltion

The Kansas City DX Club will host its 31st consecutive Annual CW Pileup Competiltion on Saturday evening, May 21 from 8:00 p.m. until Midnight, in conjunction with its Hospitality Suite, at the Dayton Crowne Plaza Hotel, Suite 525. Excellent prizes will be awarded to the winners. All are invited.

Dayton Hamvention® Past General Chairs

1952-I955	John J. Willig, W8ACE	*
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1958	Frank J. Schwab, W8YCP (W80K)	*
1959-1960	Ed F. Bonnet, W80VG	*
1961-1962	Joseph H. McNutt, W8GFN	*
1963-1964	Sheemon A. Wolfe, W8WJL	*
1965-1966	Edgar A. Smith, W8RKL	*
1967	Robert Wilcox, K8EJI	*
1968-1969	Jack Ohmart, K8CUA	
1970-1971	Kenneth E. Mills, W8RLY	
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1973-1976	Ted L. Suarez, K8BSC	*
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1978	John Basilotto, W5GI (WA8ZAN)	*
1979	Sandford H.Cohen, W8JEZ	*
1980-1981	Noel K. McKeown, WB8QQC	
1982-1983	Harold A. Judd, K4GZL	*
1984-1985	Jack Mitchell, AA8Q	
1986-1987	Jim Simpson, WB8QZZ	
1988-1989	Bill McNabb, WD8SAY	
1990	Ed Hillman, N8ALN	
1991-1992	Ross Brown, WA8DQH	
1993-1994	Dave Grubb, KC8CF	
1995-1996	Ken Allen, KB8KE	
1997-1999	Dick Miller, N8CBU	*
2000-2002	Jim Graver, KB8PSO	
2003	Pat Neff, N8IGS	
2004- 2005	Gary Des Combes, N8EMO	
2006-2007	Jim Nies, WX8F	
2008-2009	Carl Rose, K8CPR	
2010	Lee Boeckerman, W8LFB	

* Silent Key

2011 Dayton Hamvention® Committee

(front row, left to right) Greg Murphy, Henry Ruminski, Marvin Force, Dave Sloan, Scott Meyers, Ross Brown, Sharon Brown

(back row) Joe Sheline, Dave Forbes, Frank Beaford, Jack Gerbs, Don Dubon, Mike Crawford, Stephan Markland Chuck Wright, Bill Curtice, Thomas Reynolds

(front row, left to right) Mike Buehler, Nancy Krodel, Jerry Miller, Mel Berman, David Andes, Hazel Everetts, Joshua Long, Mike Kalter

(back row) Jon Thuermer, Earl Moreo III, Stan Leeds, Mark Erbaugh, Steve Coy, Dan Puckett, Jeff Everetts, Ron Moorefield, Lee Boeckerman, Jerry Bodey

(Not pictured) Shirley Roberts, Mark Mattix, Charles Kaiser, Dave Crawford, Jim Simpson (behind the camera), Jim Tiderman, Pam Miller,Susan Jebens, Joe Brassard, Chris Harris, Bill McNabb, Ed Collins, Larry Apple, Rob Lunsford, Tom Holmes, David Peterson, Jim Schoettinger, Richard Rieben, Craig Rieben

2011 Dayton Hamvention® Committee

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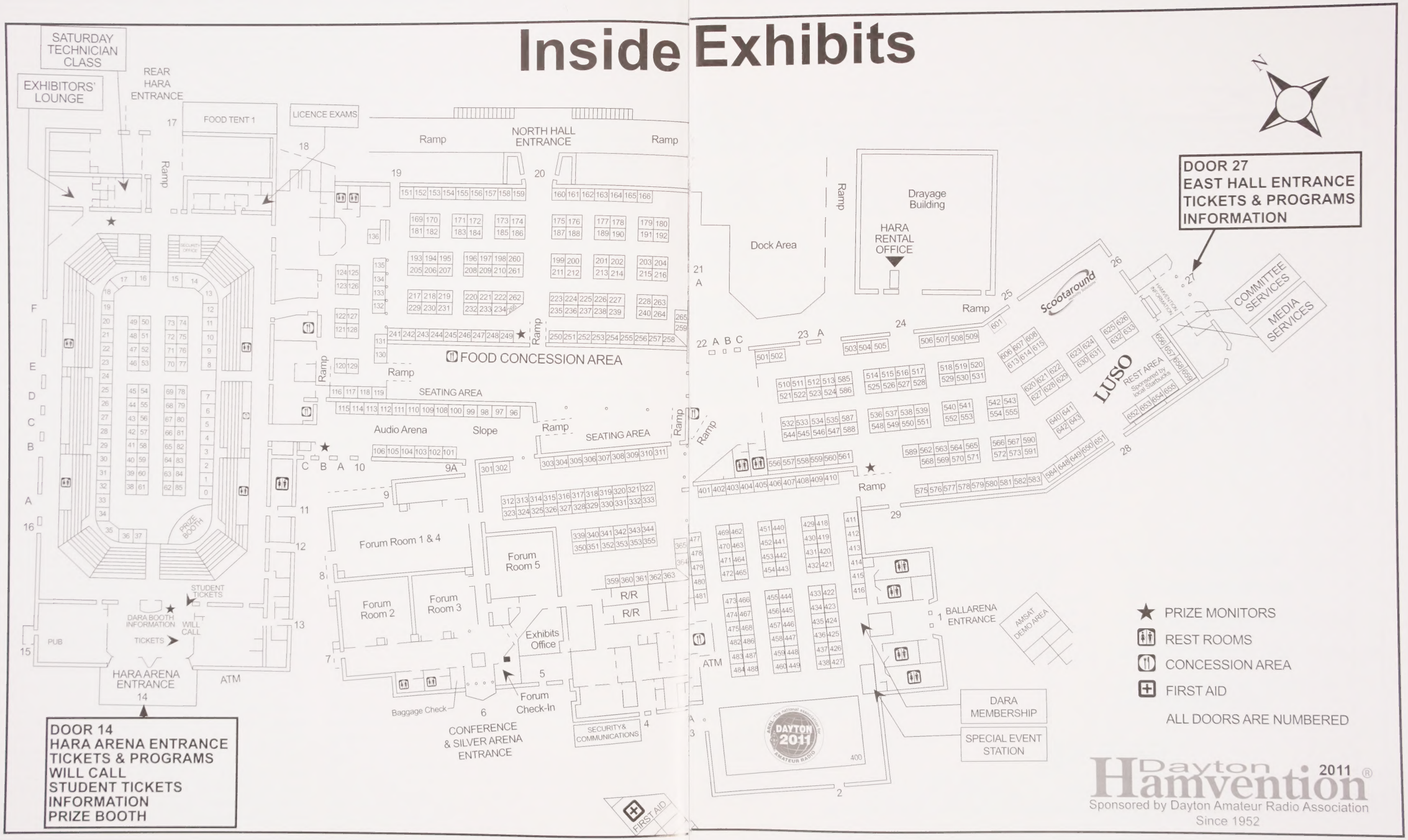

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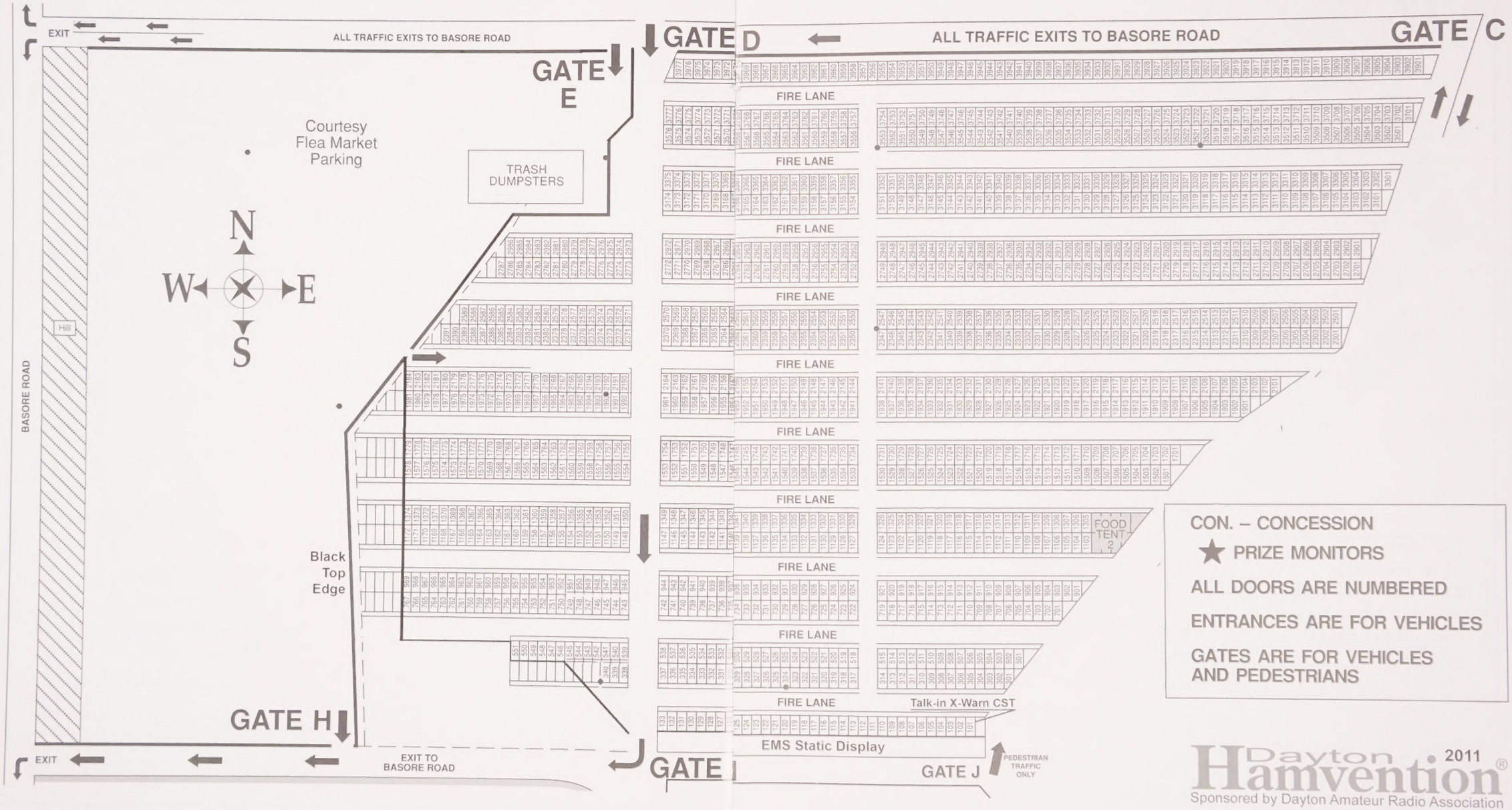
West Flea Market



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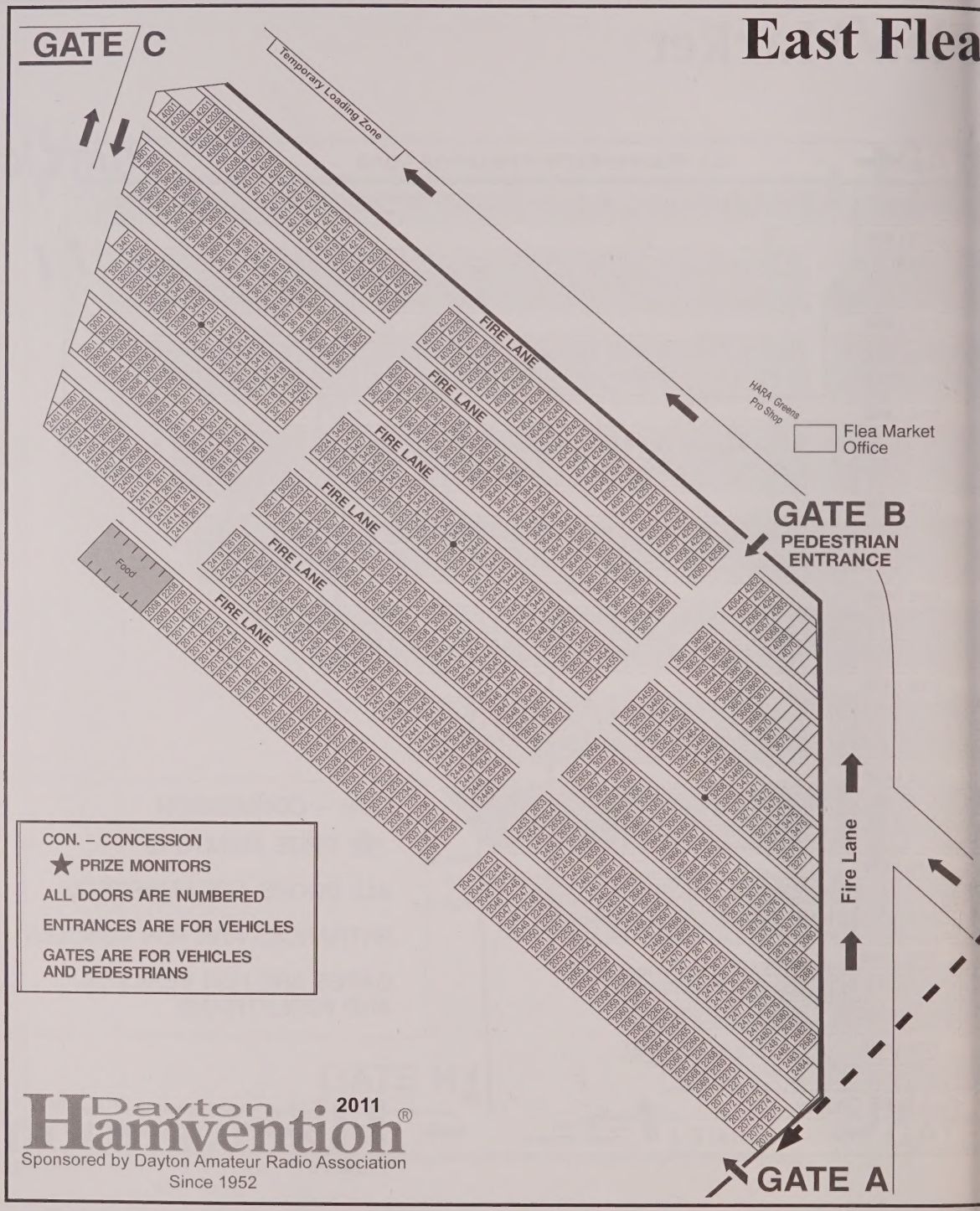
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★ PRIZE MONITORS
ALL DOORS ARE NUMBERED
ENTRANCES ARE FOR VEHICLES
GATES ARE FOR VEHICLES AND PEDESTRIANS
Dayton Hamvention® 2011
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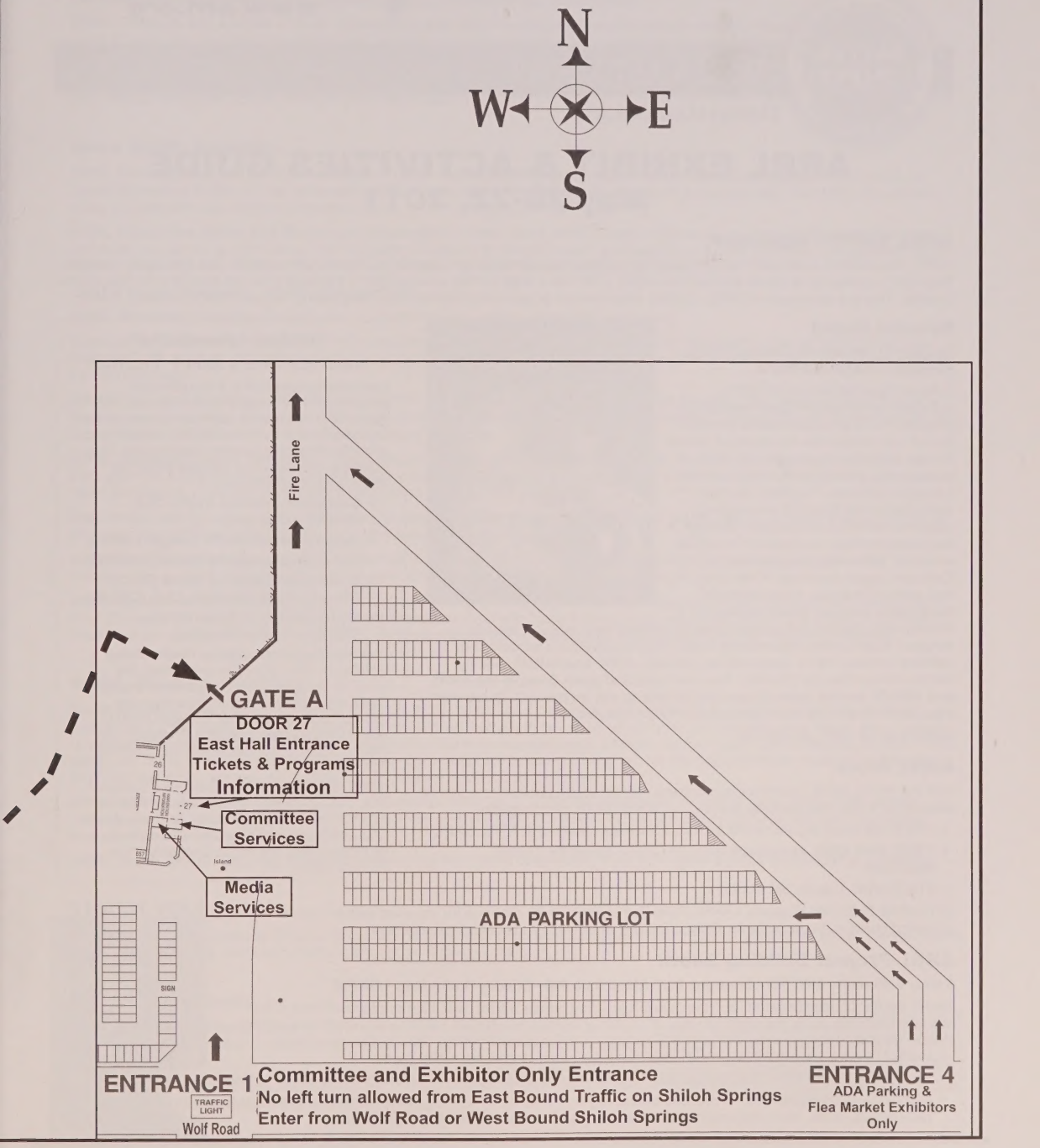
Since 1952
GATE A

Market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ENTRANCE 4
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Flea Market Exhibitors
Only

ARRL The national association for AMATEUR RADIO®
www.arrl.org

DAYTON 2011 — ARRL EXPO 2011
Dayton Hamvention®

ARRL EXHIBIT & ACTIVITIES GUIDE
May 20-22, 2011

ARRL EXPO – Welcome!

ARRL, the national association for Amateur Radio, welcomes members and friends to Dayton Hamvention®. Use this handy guide to find ARRL-sponsored activities and exhibits. ARRL EXPO is a large exhibit area located in the Ballarena Hall (near the 400-numbered booths). This is a showcase of ARRL exhibits, activities and program representatives—celebrating the very best of Amateur Radio.

Special Guest

Douglas H. Wheelock (Colonel, USA), KF5BOC – NASA Astronaut

Colonel Doug Wheelock, KF5BOC, launched on a Russian Soyuz spacecraft on June 15, 2010, and served a 6-month tour of duty aboard the International Space Station (ISS). On September 22, 2010, he assumed command of the ISS and the Expedition 25 crew. Together, the crew conducted more than 120 microgravity experiments in human research; biology and biotechnology; physical and materials sciences; technology development; and Earth and space sciences. While living and working in space, Doug operated the station's Amateur Radio equipment—making radio contact with schools and the general ham radio community. Amateur Radio on the International Space Station (ARISS) is supported by national Amateur Radio organizations including ARRL and AMSAT, and by NASA and the Energia (Russia). **You can meet and greet Doug in the ARRL and AMSAT exhibit areas (times and locations will be posted). Doug has also been confirmed as a Hamvention forum speaker.**

Sponsored by ARRL and AMSAT

"Global Friendship" Hamvention's 2011 Theme

International goodwill is a fundamental principle of the Amateur Radio Service. This year, ARRL extends a very special welcome to representatives from national Amateur Radio societies attending Dayton Hamvention. The following booths will be located within the ARRL EXPO exhibit area.

- **Deutscher Amateur Radio Club (DARC) – Germany**
- **Japan Amateur Radio League (JARL)**
- **Qatar Amateur Radio Society (QARS)**
- **Radio Association of China (RAC) / Chinese Radio Amateur Club (CRSA)**
- **Radio Society of Great Britain (RSGB) – United Kingdom**

The International Amateur Radio Union – National radio societies throughout the world work together for the good of Amateur Radio through their global federation, the International Amateur Radio Union (IARU). Meet IARU officials including President Tim Ellam, VE6SH, and Secretary Rod Stafford, W6ROD.

NEW! QSL Card Wall – Bring your personal QSL card to Dayton, and post in on ARRL's big QSL card wall. Help us cover the wall with QSLs from around the world! The wall will be located near the ARRL Logbook of the World booth.

ARRL Store

Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise.

- FREE Gift when you join ARRL or renew your membership at ARRL EXPO.
- FREE ***2011 ARRL Handbook*** when you join or renew for 3 years. Best Deal!
- FREE ARRL Dayton 2011 Button!

2011 ARRL Field Day Supplies – ARRL Field Day is June 25-26. Gear up for the most popular on-the-air operating event in Amateur Radio. Official T-shirts, pins, hats, and posters are available.

ARRL Project Building Booth

Friday 9:00 AM to 6:00 PM • Saturday 9:00 AM to 5:00 PM • Sunday 9:00 AM to 1:00 PM

Join in the fun of homebrewing (or project-building). Live classes will be held. Come-by to build one of the two affordable kits under the watchful eyes of a team of instructors who will mentor you through the activity. Handle electronic components, circuit boards, and try your hand at soldering. Unlock your inner do-it-yourselfer! Choose from the following kits, which can be purchased at the ARRL Store:

- **Shortwave Radio Kit** – The Ten-Tec 1054 4-band regenerative receiver is a classic "first receiver" project.
- **Morse Code Oscillator Kit** – Produced exclusively for ARRL by MFJ Enterprises, this project is perfect for newcomers, clubs, instructors and teachers seeking a classroom kit-building experience.

Radiosport and DXCC

DXCC Card Checking – Personnel from the ARRL DXCC Branch will be on hand to check applications for all ARRL Award Programs. All cards will be eligible for checking, including old cards, cards for deleted countries and cards for 160-Meters. Applications will be limited to 120 cards (more cards will be checked as time and volunteer Card Checkers are available). See **www.arrl.org/awards/dxcc** for the latest program information and current forms.

ARRL Contests and Awards – On-air competitions and award-hunting are great activities of Amateur Radio. These are effective ways to boost your technical knowledge and improve your radio operating skills—helping make you a better radio amateur. Ask us about the ARRL Award Program and upcoming ARRL Contests.

Logbook of the World – Representatives from Logbook of the World will be giving demonstrations and answering your questions. See **www.arrl.org/lotw** for the latest program information.

More ARRL Exhibits...

ARRL Development and ARRL Foundation – Learn about charitable giving opportunities that help strengthen ARRL's work on behalf of Amateur Radio: annual campaigns, ARRL funds, memorial gifts and estate planning opportunities. The ARRL Foundation offers scholarships and grants for Amateur Radio.

ARRL Legislative Action and Regulatory Information – Learn about ARRL's federal legislative initiatives for the 112th Congress and what you can do to help. Bring your regulatory questions for advice involving enforcement issues, spectrum management (band sharing, frequency coordination information, etc), or other general rules-and-regulation assistance.

TravelPlus for Repeaters™ software demonstration.

ARRL Volunteer Examiner Coordinator – Licensing forms, testing information and more.

Emergency Communications – Meet with program representatives for the Amateur Radio Emergency Service (ARES®) and the National Traffic System (NTS). Learn about opportunities to volunteer, and explore resources and training. Network with other public service volunteers.

ARRL Education Services – See displays of ARRL Education & Technology Program kits, projects, and other resources available to schools and teachers. Obtain information about the Teachers Institute on Wireless Technology, Amateur Radio on the International Space Station (ARISS) and Amateur Radio licensing instruction.

ARRL Media and Public Relations – Learn how to use video to promote Amateur Radio. It's a lot easier than you might expect! We'll give you some tips for using low cost video equipment and editing software to help produce videos for media, Web uses and other promotions. PIOs and clubs have a new tool to show and tell our story!

Ham Radio and Scouting – Ham radio and scouting are a perfect pair! Hear from active scouts and scout leaders about resources, programs and activities to interest boy and girl scouts in Amateur Radio.

ARRL Visa® Card (U.S. Bank) – Apply for the ARRL Visa card and earn a free gift. Earn benefits that Keep You on the Air! Already have a card? Bring some current receipts and your ARRL VISA card to get a free gift.

ARRL-Sponsored Insurance Program – ARRL has been providing opportunities for equipment insurance to its members for more than 25 years. On May 1, 2011, ARRL began a new partnership with Hays Affinity Group to provide its ARRL-sponsored Equipment Insurance and Club Liability Insurance plans. Representatives will be available to answer questions and receive enrollments.

ARRL Youth Activities

Youth Activities and Youth Lounge: Drop by the ARRL Youth Lounge to meet and socialize with other young hams. Whether you're 1 or 21, the Youth Lounge is sure to offer something that young hams will enjoy. Come to chat with other hams, grab a snack or participate in one of the many activities, such as fox-hunts, scavenger hunts, Morse code fun, a QSL card designing contest, crafts, prizes and more. Whether or not you're licensed, you're welcome to come by and join the fun! *Special thanks to Andrea Hartlage, KG4IUM and Scott Hartlage, KF4PWI for organizing the ARRL Youth Activities.*

ARRL Youth Calling Frequencies: If you're looking for other youth during the convention, try calling them on the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary. Not licensed yet? Soon-to-be hams can check-in using FRS channel one.

ARRL Youth Dinner: Saturday night from 5:00 to 7:00 PM. Come to the ARRL Youth Lounge to find out the location of the dinner.

THANK YOU!

ARRL expresses its gratitude to the 2011 Dayton Hamvention® Committee, Dayton Amateur Radio Association, and all the volunteers that contributed to the success of ARRL EXPO 2011 in Dayton, Ohio.

Upcoming Events

June 10-11, 2011 – Plano, Texas
ARRL National Convention hosted by Ham-Com
www.hamcom.org

October, 2012 – Santa Clara, California
ARRL National Convention hosted by Pacificon
www.pacificon.org

Got an idea for next time?
Please contact the office of the
ARRL EXPO Coordinator, email **expo@arrl.org**.

Prizes

Major Prize Donors ($900 or more)

Alfa Radio Products / RF Concepts
American Radio Relay League
DARA /Hamvention
GRE America / Alinco
ICOM America, Inc.
Kenwood USA Corporation
M2 Antenna Systems, Inc.
RT Systems
SteppIR Antennas Systems
Universal Radio, Inc.
Yaesu Vertex Standard

Prize Donors

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DZ Kit
Elecraft Inc
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Emtron
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Force 12
Futronics
Gemmagic
GLOBAL TSCM GROUP, INC.
Great Products
Ham Station, Inc.
HamApparel.com
HamCallWear.com
HamGadgets
Heil Sound LTD
International Antenna Company
Kanga US
Lightning Bond Adhesives
Lightning Bond Adhesives
LnR Precision / SKCC Group
MFJ Enterprises Inc.
N4PY Software
NCG Company (Comet/Maldol/ Daiwa)
Pacific Antenna
Palstar Inc.
Peet Bros. Company, Inc.
PowerFilm Solar
Prostar Batteries, Inc.
R & L Electronics
Radio Works, Inc.
Radioware Radio Bookstore
RF Parts
Rigol Technologies
Sign Man of Baton Rouge
Signman of Ohio
Slinky Antennas
Startek-USA.com
Tarheel Antenna / WB0W
Ten-Tec, Inc.
The R.F. Connection
The Wireman, Inc.
Total Radio Service
Turbo Tuner
Uncommon USA Inc.
W&W Manufacturing Co.
W2IHY Technologies
W4RT Electronics
W5YI Group-Gordon West Radio School
WB0W Inc.
Webster Communications Inc.
West Mountain Radio
Western Case Company
Wild Sage Jewelry
Wouxun Electronics

Main Prizes

1 ..... FT 2000	$3,630.00	..... Yaesu Vertex Standard
2 ..... IC-7000	$2,599.00	.....ICOM America, Inc.
3 ..... TS 590S 160 to 6 Meter HF XCVR	$1,964.00	..... Kenwood USA Corp.
4 ..... TS 590S 160 to 6 Meter HF XCVR	$1,964.00	..... Kenwood USA Corp.
5 ..... TS 590S 160 to 6 Meter HF XCVR	$1,964.00	..... Kenwood USA Corp.
6 ..... TS 590S 160 to 6 Meter HF XCVR	$1,964.00	..... Kenwood USA Corp.
7 ..... TS 590S 160 to 6 Meter HF XCVR	$1,964.00	..... Kenwood USA Corp.
8 ..... IC-7200	$1,396.00	.....ICOM America, Inc.
9 ..... FT 450D	$1,240.00	..... Yaesu Vertex Standard
10 ... 2 Element Beam 20 thru 6 M	$1,180.00	.....Stepp IR Antennas
11 ... FT 857D	$1,124.00	..... Yaesu Vertex Standard
12 ... FT 817ND, Budi Stick & Buddiepole Book	$1,062.00	..... Yaesu Vertex Standard Buddipole

Forums Schedule

Location	Friday				Saturday				Sunday			
	Room 1	Room 2	Room 3	Room 5	Room 1	Room 2	Room 3	Room 5	Room 1	Room 2	Room 3	Room 5
08:00:00 AM												
08:15:00 AM												
08:30:00 AM												
08:45:00 AM												
09:00:00 AM												
09:15:00 AM	TAPR	THE ARRL LAB	WW II RADIO HEROES	10 REASONS to GO QRP	YOUTH	SATERN	FCC EMCOM	VHF/UHF/MICROWAVE	RED CROSS	CLUB & SCHOOLS	Friends at the Factory	
09:30:00 AM	0915 - 1115	0915 - 1045	0915 - 0945	0915 - 1015	0915 - 1215	0915 - 1015	0915 - 0945	0915 - 1100	0915 - 1015	0915 - 1015	0915 - 1015	BICYCLE MOBILE
09:45:00 AM	Steven Bible	Ed Hare	LISA SPAHR	Jim Stafford	Carole Perry	Peggy McNary	FCC UPDATE	Michael Schulsinger	Dan Miller	Nathan McCray	Dan Van Hoy	0930 - 1115
10:00:00 AM	N7HPR	W1RFI		W4QO	WB2MGP	N9QT	0945 - 1015	N8QHV	K3UFG	K9CPO	VR2HF/H7VAN	Mike Nickolaus
10:15:00 AM			TEACHERS WORKSHOP									NF0N
10:30:00 AM			0945 - 1200	PROPAGATION		DRAKE	ARRL		APPALACIAN JOURNEY	QCWA	Joint Service MARS	
10:45:00 AM			Carole Perry	1030 - 1130		1030 - 1130	MEMBER FORUM		1030 - 1130	1030 - 1130	1030 - 1130	
11:00:00 AM		FOX HUNTING	WB2MGP	Frank Beafore		Evan Rolek	1030 - 1145		Dennis Blanchard	Larry McCalvy	Gary Sessums	
11:15:00 AM		1100 - 1200		WS8B		K9SQG	Jim Weaver	AMSAT	K1YPP	WA9JMO	MARS National	
11:30:00 AM	APRS	Dick Arnett					K8JE	1115 - 1330			Military Liaison	
11:45:00 AM	1130 - 1230	WB4SUV		KIT BUILDING		NEWSLINE		Alan Biddle				
12:00:00 PM	Bob Bruninga			1145 - 1245		TOWN MEETING	RTTY	WA4SCA				
12:15:00 PM	WB4APR			Joe Eisenberg		1145 - 1400	1200 - 1300					
12:30: 00 PM			ARRL	The Cat in the Hat Guy	CONTESTING	Bill Pasternak	Shelby Summerville					
12:45:00 PM		BALLOON SAT	HAM RADIO LAW	K0NEB	1230 - 1430	WA6ITF	K4VW					
1:00:00 PM	D STAR	1215 - 1415	1215 - 1345		Doug Grant			NASA ASTRONAUT				
1:15:00 PM	1245 - 1415	Bill Brown	Jim O'Connell	YLRL	K1DG			Doug Wheelock				
1:30:00 PM	Greg Sarratt	WB8ELK	W9WU	1300 - 1415				1315 - 1415				
1:45:00 PM	W4OZK			Lois Gutshall				KF5BOC			SSTV	
2:00:00 PM			HAM RADIO	WB3EFQ		Designing					1345 - 1500	
2:15:00 PM			1400 - 1530			Projects with					Don Miller	
2:30:00 PM		ARRL	Gordon West	ARRL		Micro Controllers	FUTURE of ARES				W9NTP	
2:45:00 PM		PUBLIC RELATIONS	WB6NOA	FIELD DAY	DX	1415 - 1515	1430 - 1530					
3:00:00 PM		1430 - 1545		1430 - 1530	1445 - 1700	G. Zafiropoulos	Jack Sovik					
3:15:00 PM	ANTENNAS	Allen Pitts		Dan Henderson	Dave Kalter	KJ6VJJ	KB8WPZ					
3:30:00 PM	1430 - 1700	W1AGP		N1ND	KD8OCP			MODERN DSP				
3:45:00 PM	Tim Duffy		TECHNIQUES of the	ARRL		ATV	MAINTAINING YOUR	SYSTEMS				
4:00:00 PM	K3LR	COUNTY HUNTING	BEST OPERATORS	LEGISLATIVE UPDATE		1530 - 1700	COLLINS RADIO	1515 – 1700				
4:00:00 PM		1600 - 1700	1545 – 1700	1545 - 1645		Art Towslee	1545 – 1700	Bob Heil				
4:15:00 PM		Tim Eklin	Mitch Stern	Dan Henderson		WA8RMC	David Kneper	K9EID				
4:30:00 PM		W8JJ	W1SJ	N1ND			W3ST					
4:45:00 PM												
5:00:00 PM												

Forum descriptions to be included in the Program are due by **April 1.** **Send to forums@hamvention.org.**

FRIDAY May 20th

9:15 a.m. - 11:15 a.m — **TAPR** — **Room 1**

Moderator: Steven Bible, N7HPR; TAPR President
Speakers: Scotty Cowling WA2DFI; HPSDR Update
An update on the High Performance Software Defined Radio (HPSDR) project (www.openhpsdr.org). Existing and future projects as well as board availability.

Phil Harman, VK6APH; Griffin - a Whisper and a Chirp
Griffin is a new HPSDR project that will provide a low power beacon exciter. Covering HF, 6m and 2m, Griffin will generate simultaneous beacons on multiple bands, each modulated independently. Basing Griffin around a large FPGA provides modulation modes such as CW, RTTY, WSPR etc as well as future, as yet unknown, modes.
An onboard GPS receiver will provide highly accurate frequency and time control of all beacons. An Ethernet connection will enable remote control and configuration via the Internet.
In addition, a revolutionary new beacon mode will enable real time propagation measurement and reporting for all HF and VHF bands

David Rowe, VK5DGR; CODEC 2 Explained
CODEC 2 is an open source CODEC designed for low bit rate speech over HF/VHF digital radio. Whereas most low bit rate CODECs are proprietary and require licensing fees, CODEC 2 is unique in that it is open source, allowing experimentation and modification.
Author and developer David Rowe, VK5DGR, will explain CODEC 2 and how it works, breaking down the complex DSP into simple terms. He will talk about the development process and the challenges he has faced along the way, and present examples of CODEC 2 use with amateur radio.

11:30 a.m. - 12:30 p.m. — **APRS** — **Room 1**

Automatic Position Reporting System
Moderator: Bob Bruninga, WB4APR
Topics:
"New Byonics APRS Products",
"New VHS Products APRS Products",
"New Argent Systems APRS Products",
"New RPC Electronics APRS Products",
"Other Advances in APRS from the floor"

12:45 p.m. - 2:15 p.m — **D-Star** — **Room 1**

Moderator: Greg Sarratt, W4OZK
The Digital Smart Technology for Amateur Radio, or D-STAR forum, will provide a comprehensive overview of current and upcoming technology software, hardware and operating methods.
Speakers: John Davis, WB4QDX; Georgia D-STAR Group
This presentation will cover D-STAR basics to more advanced functions

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for experienced users. Topics will include the basics to get on the air, linking repeaters and using D-STAR's low and high speed data capabilities. Examples will be presented on how D-STAR is being used in Georgia and around the country including Emergency Communications.

Robin Cutshaw, AA4RC

This presentation will introduce and demonstrate new software upgrades and improvements for the DV Access Point Dongle (DVAP), DV Dongle and D-PLUS.

2:30 p.m. - 5:00 p.m. **Antennas** **Room 1**

Moderator:Tim Duffy, K3LR

Speakers: Richard Jaeger, K4IQJ;

Three Element Binomial Endfire Array of K9AY Loops.

Richard will describe how the popular K9AY loop can be used in an array to obtain better receive patterns and enhanced DX reception

John Devoldere, ON4UN

Take a Look Inside the Fifth Edition of ON4UN's New Low-Band DXing book

John is a recognized expert in the field of low band station design and optimization.

Larry Pasman, W8VVG

Practical High Performance Receive Antenna for the Urban Top Bander.

Larry will show how he worked with N4IS and NX4D to build an effective rotating directional receive antenna for 160 meters

Carl Luetzelschwab, K9LA

Update on Solar Cycle 24, what has happened and what to expect!

Carl will present an overview of the current progression in the solar cycle and also discuss how amateur radio operators can take advantage of the enhanced upcoming solar activity.

9:15 a.m. - 10:45 a.m. **The ARRL Lab** **Room 2**

Moderator: Ed Hare, W1RFI, from the ARRL Headquarters staff

ARRL Lab Manager and RFI/EMI "guru" Ed Hare will offer an insider's tour of the ARRL Laboratory-and he'll tell a few tales along the way. Ed serves on industry advisory committees and has led many technical studies supporting the defense of the Amateur Radio spectrum. Participate in Ed's popular "Stump the Speaker" question and answer period.

11:00 a.m. - 12:00 p.m. **Foxhunt/ARDF** **Room 2**

Moderator:Dick Arnett, WB4SUV

Speakers: Bob Frey, WA6EZV

Brian DeYoung, K4BRI

Topics will include basic equipment needed for VHF mobile hunts, a discussion of High Tech hunt toys and tricks learned over the years. Expect demonstrations of handheld equipment for on-foot hunts as well as a view of DF1FOs new 2M Receiver using SMD components.

12:15 p.m. - 2:15 p.m. **BalloonSat** **Room 2**

Moderator: Bill Brown, WB8ELK
Speakers: Bill Brown, WB8ELK
Over the horizon balloon tracking with HF digital modes
David Snyder, KB8PVR and Tim Dedula
NASA's BalloonSat High Altitude Flight Competition
Ed Tyler, N4EDT
Balloon Programs for Middle and High School
Scott Miller, N1VG
New ARHAB products from Argent Data Systems
Robert Rochte, KC8UCH
Grosse Pointe Academy's Balloon Programme
Brad Luyster, KJ4WTI and Dan Bowen, K2VOL
White Star Trans-Atlantic Balloon
Doug Loughmiller, W5BL and Michael Willet, K5NOT
Arbonet balloon program

A high altitude balloon will be launched from the flea market after the forum at 1500 hrs.

2:30 p.m. -3:45p.m. **ARRL Public Relations Forum** **Room 2**

Moderator:Allen Pitts, W1AGP, from the ARRL Headquarters staff
Speakers: Mark Abramowicz, NT3V
Kevin O'Dell, N0IRW
Jim Boehner, N2ZZ

Topics include: integrating video into PR campaigns; a new job description for Public Information Officers (PIOs); a PR-101 course update; and information for PIOs about HR 607, the "Broadband for First Responders Act of 2011".

4:00 p.m. - 5:00 p.m. **County Hunting** **Room 2**

Moderator: Tim Eklin, W8JJ
Speakers: Bob Voss, N4CD; Bob will deliver a presentation regarding strategies for using state QSO parties as an efficient strategy for collecting counties. He will share his experiences from the perspectives of both running mobile in state sponsored QSO parties and chasing the counties as a fixed station.

Arthur Burke, N4PJ
The County Hunter: At Home and on the Road

Art will share photographs of his mobile antenna system and custom radio installation that he has designed especially for county hunting. In addition, he will share photos of his shack featuring various hardware and software that he uses for county hunting.

9:15 a.m. - 9:45 a.m. **World War II Radio Heroes: Letters of Compassion** **Room 3**

Moderator: Lisa Spahr
Her book was inspired by her discovery of her grandfather's memorabilia in a trunk in the attic of her Pennsylvania home. Lisa will present her story and will be available for a book signing after the Forum.

9:45 a.m. - 12:00 p.m. **Teacher Workshop** **Room 3**

Moderator: Carole Perry WB2MGP

Speaker: David Jordan, AA4KN "Space Communications from the Classroom – ARISS and Amsat" Learn how to apply for a contact at your school and find out how amateur radio satellites can be accessed and used for classroom projects.

Nathan McCray K9CPO, ARRL Education and Technology Program Coordinator "Integrating Electronics and Technology into your 3rd – 5th Grade Classroom."

Beside these two dynamic speakers, Gordon West WB6NOA and Carole Perry WB2MGP will be making a very exciting announcement which will be of interest to teachers of school age students.

12:15 p.m. - 1:45 p.m. **Ham Radio and the Law** **Room 3**

Moderator: Jim O'Connell, W9WU, ARRL Volunteer Counsel

2:00 p.m. - 3:30 p.m. **Ham Radio Instructors —live classroom demos by Gordy!** **Room 3**

Moderator: Gordon West, WB6NOA

Gordon will have you on the edge of your seat,
taking part in LIVE CLASSROOM demonstrations.

- Flowing microamps in your bodies—will the tube light up ?
- Diodes and lamps in action—Live Demo
- 60 Hz shocker , just for sleepy kids—Live Demo
- Classic funny out-takes over the air—how to play audio tracks
- Serious emergency messages coming in on the ham.bands
- Play the DSP for some amazing signals out of the noise
  —Live bhi/GAP, DSP add-on speaker systems
- Digital delights with "name that sound" —Live Demo

And of course , "The Blazing Pickle" finale!

All these fun demos to keep your next ham class tuned-in on the action. Free " great classroom demos" instructor's guide to all who attend, plus audio sound effects CD .

3:45 p.m. - 5:00 p.m. **Techniques of the Best Operators** **Room 3**

Moderator: Mitch Stern, W1SJ

Speaker: Tony Pazzola W2BEJ

Now that you've bought all this great stuff from the Flea Market and get home and set it all up what do you do, after you turn it on? How do you go about making contacts with others? How come everyone else works all the juicy DX while you can't even work the guy across town without ending up in sea of QRM? A good station certainly helps, but knowing WHAT to do when you get on the air is even more important. Our forum today will certainly help. We will start with some of the basics of good repeater operating, move on to the more serious matter of emergency operation, dabble with DX and finally learn how to use contests to become better operators. You won't be the same operator by the end the day and will be a force to be reckoned with—on the bands!

9:15 a.m. - 10:15 a.m **Ten Reasons to go QRP!** **Room 5**

Moderator: Jim Stafford, W4QO
Speaker: Richard Fisher, KI6SN Trail Friendly Radios

Jim is a past president of QRP ARCI, a member of the QRP Hall of Fame, and 2010 Dayton Hamvention Amateur of the Year. He has 185 countries worked on QRP and devotes his time to getting youth into amateur radio. Jim's talk will focus on the challenges and enjoyment of QRP.
Richard is the Trail-Friendly Radio columnist and editor of WorldRadio Online magazine, who focuses on operating low power stations from the field.

10:30 a.m. - 11:30 a.m **Propagation** **Room 5**

The science and study of radio wave reflection, refraction, diffraction, absorption, polarization, and scattering.

Leader and co-author: Frank Beafore, WS8B
Assistant Leader and co-author: Reuben Meeks, W8GUC

Frank was first licensed in 1976 and has been active in the study and utilization of radio propagation phenomena. Reuben has been active more years than we can count. He has masters in electronics and worked his entire career with the Department of Defense in almost all aspects of radio theory and application. Radio propagation phenomena have been observed for almost the entire practice of radio communications. In fact, radio amateurs often have been on the leading edge of observing and defining propagation characteristics. In many cases, the energy supplied that feeds propagation is generated by the sun. The sun's activity will also be presented and discussed. Attendees of this forum should come prepared to participate in the interaction of uncovering and understanding radio propagation.

11:45 a.m. - 12:45 p.m. **Kit Building** **Room 5**

Moderator: Joe Eisenberg, K0NEB; Construction Techniques
Speakers:
Wayne Burdick, N6KR - Elecraft
Phil Anderson, W0XI - Midnight Science/Xtal Set Society
Doug Hendricks, KI6DS - Hendricks Kits

1:00 p.m. - 2:15 p.m. **YLRL (Young Ladies' Radio League)** **Room 5**

Moderator: Lois Gutshell, K03EFQ, YLRL President
Speakers: Anne Manna, WB1ARU, Chairwoman of YLRL Convention 2011 - Boston
Tina Clogg, VK5TMC, Chairwoman YL International Meet 2012 - Adelaide, Austrailia
Anna Veal, WW0ANT, participant in the 2011 Youth DX trip to Costa Rica.
Emily Bishop , WE4MB will be honored as the 2010 recipient of the Hiram Percy Maxim Award.

Forum descriptions to be included in the program are due by April 1. Send to forums@hamvention.org

2:30 p.m. - 3:30 p.m. **ARRL Field Day** **Room 5**

Moderator: Dan Henderson, N1ND, from the ARRL Headquarters staff
ARRL Field Day is the single most popular Amateur Radio event in the US, with over 35,000 participants and hundreds of radio clubs. Come learn more about some of the unique and fulfilling ways groups across the US and Canada get on the air to celebrate ARRL Field Day.

3:45 p.m. - 4:45 p.m. **ARRL Legislative Update** **Room 5**

Moderator: Dan Henderson, N1ND, from the ARRL Headquarters staff
ARRL wants to (needs to!) keep its members informed on what the organization is doing in the area of national-level advocacy and legislative action. YOU are part of the team that supports ARRL's efforts to promote Amateur Radio on Capitol Hill. A summary of the ARRL
Legislative Agenda will be presented, along with an update on current threats to our Amateur Radio spectrum.

SATURDAY May 21st

9:15 a.m. - 12:15 p.m. **Youth Forum** **Room 1**

You won't want to miss this one!
Moderator: Carole Perry, WB2MGP
Come join the fun and share the pride by attending this forum to support our talented young speakers. Bring kids with you to inspire them to join the fun of being a in ham radio. Kids will get to meet other young hams, and we'll be treated to hear from Gordon West, WB6NOA, who will be making a special announcement with Carole Perry about how receive instructor materials to get a school group or a youth group started.
The audience will also be treated to hearing Don DuBon N6JRL and his team talk about how to join the free Youth DX Adventure to Costa Rica. They will tell their exciting story and present a video. The group will be available in booth 342 (Silver Arena) to meet and share their stories.

Lots of prizes will be awarded, the kids in the audience, and the supportive adults in attendance. You must be present to win!
The Kids:
Ryan Roberts, KD0DGN, age 14
"How Amateur Radio and Scouting Promote each other."
Ryan Harris KD8PIR, age 12, "Using Apps on the iPod Touch."
Amanda Lee KD0JAY, age 10
"Handi-Hams…People With Disabilities and Amateur Radio."
Anna Veal, W0ANT, age 10,
"Contesting from a little Pistol Low Power Station."
Austin Schaller, KD0FAA, age 16,
"Programming with PIC Micro Controllers."
Chris Howard, WA4YG, age 15, "Building QRP Kits."

Forum descriptions to be included in the program are due by April 1. Send to forums@hamvention.org

Liam Chriswell, KD0NIZ, age 13,
"How Scouting Got Me in Amateur Radio."
Justin Pike, KJ4AXF, age 16, Collin Pike, KJ4AXB, age 17
Patrick Pike, KJ4AXD, age 13
"Building and Managing D-Star Repeaters and Gateways for Youth."
Garrison Kunst, KB3LEZ, age 17
"Hiking and HT Radio Antenna Selection and Impact on Distance."
Marcus Shockley, KJ4PCR, age 11
"Being the Net Control of the Weekly ARES Net."

Co-sponsors of this year's Youth Forum are : ICOM, MFJ, KENWOOD, L'Anse Creuse ARC, Radio Club of America, Heil Sound, The W5YI Group and Gordon West. Ken Salhoff, N4TCP, will be donating free personalized dog tags to every child in attendance.

12:30 p.m. - 2:30 p.m. **Contesting** **Room 1**

Moderator: Doug Grant, K1DG
Speakers: Geoff Howard, W0CG/PJ2T
Building and Maintaining a Contest Station in the Caribbean
Randy Thompson, K5ZD/R34P
WRTC 2010 - Moscow Heat and Cool Competition
Scott Dickson, W5WZ
Growing a Contest Club from ScratchPd'A Contest Committee Results
57th Poisson d'Avril Contest
Pete Smith, N4ZR
The Reverse Beacon Network

2:45 p.m. - 5:00 p.m. **DX** **Room 1**

NE8Z's Pilgrimage to Mt. Athos and a visit to Monk Apollo SV2ASP/a
Moderator: Dave Kalter, KB8OCP
Speakers: Rick Dorsch, Jr, NE8Z/HC1MD
Bob Allphin, K4UEE-PJ6A
Craig Thompson K9CT-PJ7E
Ralph Fedor, K0IR -VP8ORK
Expect a real inside look at Mt Athos - one that most would not otherwise see and be prepared for a great slide show.
PJ6A and PJ7E are new entities in the Carribean as many Islands gained their independence on 10/10/2010.
The VP8ORK South Orkney Island DXpedition was Ralph's sixth Antarctic DXpedition. He has visited the South Sandwich and South Georgia Islands...each one twice. He has visited Peter the First...again twice. He also visited Heard Island.
Some of his "warm weather" DXpeditions include: Easter Island, Reunion Island, Desecheo, and Saba.
Ralph holds six DXpedition of the Year Awards and is a member of the DX Hall of Fame.

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Forum descriptions to be included in the program are due by April 1. Send to forums@hamvention.org

Award Winners

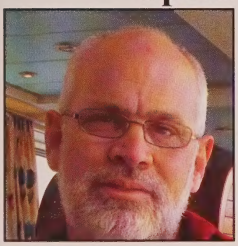
Amateur of the Year – Shirley Stine Roberts, N8LX

Shirley S. Roberts, N8LX, is our Amateur of the Year. She has been involved and served the amateur community behind the scenes with distinction and enthusiasm second none. She does all of this totally blind. Shirley has been a vital member of many Hamvention® committees. She has been the voice behind the Hamvention information line for four years and the Dayton Amateur Radio Association's information line for almost twenty years. She is the lead control operator/trainer for Dayton-area repeaters and continually monitors several repeaters and is always there to provide help and information.

Shirley's public service endeavors are second to none. For many years, she served as a SKYWARN liaison, handling preliminary check-ins while net control operators reported to the control center. On one occasion, she agreed to be a temporary first time net controller during a flood. She proved so valuable that she operated many hours over a three-day period while learning a great deal. Shirley was instrumental in spearheading the efforts of a group of hams to find and assist a truck driver/ham who was rapidly becoming incoherent and

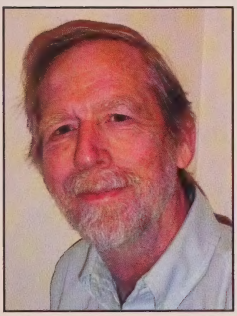
continued on page 36

Special Achievement Award – Fred L. Lloyd, AA7BQ



Fred L Lloyd, AA7BQ, our Special Achievement Award winner, has been an amateur radio operator since 1987. Fred is best known as the founder of the website QRZ.COM. Started in 1992, QRZ first came out on magnetic tape. From there it transitioned to CDROM and then to a dial-up bulletin board before moving onto the internet in 1993. He created and continues to maintain the software that runs QRZ and is always looking for new ways to enhance and improve it. Fred worked as a staff engineer at a large UNIX computer company until 2007 and since then has been operating QRZ as a full time effort. Fred also holds a GROL commercial radio certificate and is a certified flight instructor. He enjoys a variety of hobbies including flying, playing guitar, and attending ham radio events with his wife Robin in their 45 foot RV, affectionately known as 'The Zed'.

Technical Achievement Award - Roy W. Lewallen, W7EL



Our Technical Achievement Award winner is Roy W. Lewallen, W7EL. Roy has been an amateur radio operator since 1957. He is now best known for developing EZNEC antenna analysis software, introducing its predecessor ELNEC in 1990. EZNEC and EZNEC+ are powerful but very easy-to-use programs for modeling and analyzing nearly any kind of antenna in its actual operating environment. Continually sharing his expertise with the amateur community, Roy has written numerous articles for QST, and contributed to other ARRL publications including the ARRL Antenna Book. These articles touch on all subject matter on antennas, feed lines and related subjects. Roy works as an electronics engineering consultant and enjoys Field Day, backpacking, cross country skiing, and flying his Cessna 150.

Amateur of the Year (continued)

increasingly ill. The driver was quickly located and taken to a nearby hospital where he was treated successfully. Shirley received ARRL recognition for her actions.

Shirley is busy outside of DARA. She is the president of a national organization which provides support and information for blind and visually impaired people with diabetes. She is also a member of the board of directors of the American Council of the Blind of Ohio. She is an active member of the American Council of the Blind Radio Amateurs and a member of Quarter Century Wireless Association. Additionally, she holds life memberships in the ARRL and Handihams.

Previous Award Winners

AMATEUR OF THE YEAR

1955 ...William C. Jenney, W8FYW
Benjamin S. Zieg, W9EHU, K40QK
1956....Edmund C. Ryan, W8LRR
1957....Ralph Crammer, W8VHO
I958 ....Rev. C. Lynn White, K4CC
1959....Harlow Lucas, W8QQ
1960....Paul Woffe, W8IVE
1961....Ed Bonnet, W8OVG
1962....Dana Cartwright, W8UPB
1963....Chester Funk, K8EUF, K7ZKL
1964 ...H. Ruble, W8PTF
1965....Carl B. Snyder, W8ARW
1966....Robert K Caskey, W9DNQ
1967....Jack Gray, W8JDV
1968....Elmer Schubert, W8ALW
1969....Wayne Walters, W9DOG
1970....Kay Anderson, W8DUV
1971....Al Michel, W8WC
1972 ...Don C. Miller, W9NTP
1973....Ray E. Myers, W6MLZ
1974....Barry Goldwater, K7UGA
1975 ...Richard A. Daniels, WA4DGU
1976....Joseph M. Hertzberg, N3EA
1977....Rafael M. Estevez, WA4ZZG
1978....Frank Schwab, W8OK
1979....George G. Batterson, W2GB
1980....Wayne Overbeck, N6NB
1981....Eric C. Shalkhauser, W9CI
1982....Robert G. Heil, Jr., K9EID
1983....Katashi Nose, KH6IJ
1984....Dave L. Bell, W6AQ
1985....John J. Willig, W8ACE
1986....Roy Neal, K6DUE
1987....Carole Perry, WB2MGP
1988....Bill Bennett, W7PHO
1989....Bill Pasternak, WA6ITF
1990....Stephen Mendelsohn, WA2DHF
1991....John B. Johnston, W3BE
1992....Richard Baldwin, WIRU
1993....Harry Dannals, W2HD
1994....Perry Williams, WlUED
1995....Rosalie White, WA1STO
1996....William A. Tynan, W3XO
1997....Leo I. Myerson, WØGFQ
1998....Andrew J. Feldman, WB2FXN
1999....Kenneth M. Miller, K6IR
2000....Marttie Laine, OH2BH
2001....George Jacobs, W3ASK
2002....Alanson "Hap" Holly, KC9RP
2003....Larry "Tree" Tyree, N6TR
2004....David Kopacz, KY1V
2005....Alan S. Kaul, W6RCL
2006....Gordon West, WB6NOA
2007....Jim Haynie, W5JBP
2008....Ward Silver,NØAX
2009....Wade D. Hampton, K4ITL
2010....Jim Stafford, W4QO

Previous Award Winners (continued)

SPECIAL ACHIEVEMENT AWARD

1977.....South American Moonbounce (EME)
Expedition Team of the Mt. Airy VHF
Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ
Anthony Sousa, W3HMU
S. William Olsan, W3HQT
Walter Boldman, K3BPP
Daniel Mitten, WA3NFU
Socrates Martinez, WB3AFY
Bohnar Aguilar, WB3AOP
1978.....Ronald Moorefield, W8ILC
1979.....Edward Tilton, W1HDQ
1980.....Joseph Merdler N6AHU
198I .....Bill Pasternak, WA6ITF,
Bill Orenstein, KH6IAF
1982.....Bruce Humphrys, KØHR
1983.....Lenore Jensen, W6NAZ
1984.....Ethel Smith, K4LMB
1985.....Judith Frye, KG8P
1986.....Rev. Michael Mullen, C.M., WB2GQW
1987.....Arthur Gentry, W6MEP
1988.....Fred Hammond, VE3HC
1989.....Phil Karn, KA9Q
1990.....Paul Thomson, KCØVG
1991.....Nate Brightman, K6ØSC
1992.....Ned Raub, W1RAN
1993.....Robert Adams, WA9ZMO
1994.....Russ Kroeker, N7HGE
1995.....Ed Briner, WA3TVG
1996.....John Kraus, W8JK
1997.....Joseph J. Fairclough, WB2JKJ
1998.....John B. Bellows, Jr., KØQB
1999.....Paul D. Lieb, KH6HME
2000.....A. Prose Walker, W4BW
2001.....Frank Bauer, KA3HDO
2002.....Dr. Owen Garriott, W5LFL
2003.....Jonathan Taylor, K1RFD
2004.....George S. Wilson III, W4OYI
2005.....D. Bharathi, VU2RBI
2006.....Riley Hollingsworth, K4ZDH
2007.....Ed Hare, W1RFI
2008.....Emery McClendon, KB9IBW
2009.....Richard Garriott, W5KWQ
2010.....Richard "Dick" Ross

TECHNICAL EXCELLENCE AWARD

1984....Lyle Johnson, WA7GXD
1985 ...Richard Whiting, WØTN
1986....M. E (Doug) DeMaw, W1FB
1987....Henry (Hank) Oredson, WØRLI
1988....Lew McCoy, W1ICP
1989....Byron Goodman, W1DX
1990....Bob McGwier, N4HY
1991....Lou McFadin, W5DID
1992....Gerald Cromer, K4NHN
1993....Dick Jansson, WD4FAB
1994....Dick Newell, AK1A
1995....Philip Ferrell, K7PF
1996....William Orr, W6SAI
1997....Al Ward, W5LUA
1998....Robert E. Bruninga, WB4APR
1999....Alfonso R. Torres, KP4AQI
2000....Dr. H. Paul Shuch, N6TX
2001....Peter Martinez, G3PLX
2002....Allen Waller, K3TKJ
2003....Steve Dimse, K4HG
2004....Barry Sanderson, KB9VAK
2005....Dr. Jerry Sevick, W2FMI
2006....Richard Illman, AH6EZ
2007....David Cameron, VE7LTD
2008....Thomas C. McDermott, N5EG
2009....Copthorne Macdonald, VY2CM
2010....Simon Brown, HB9DRV

9:15 a.m. - 10:15 a.m **SATERN** **Room 2**

Salvation Army Team Emergency Radio Network
Moderator: Peggy McNary, N9QT

10:30 a.m. - 11:30 a.m **Drake Equipment** **Room 2**

Tailoring and repairing Drake equipment to meet your needs.
Moderator: Evan Rolek, K9SQG
Speakers: Evan Rolek, K9SQG; Adding lifespan to L4B and L7 power supplies.
Mark Gilger, WB0IQK & Ron Baker, WB4HFN; Making the L4B a tabletop amplifier.
Evan Rolek, K9SQG; Tips and tricks
Mark Gilger, WB0IQK; Parts, service, and guidance: where to go
Jeff Covelli, WA8SAJ, Mark Gilger, WB0IQK, and Gary Poland, W8PU;
Ask the Experts: Q & A
FREE prize drawing including Drake memorabilia, Sue, our "Lady of Luck".

11:45 a.m. - 2:00 p.m. **Newsline Town Hall Meeting** **Room 2**

How to make a ham radio video in the 21st century
Moderator: Bill Pasternak, WA6ITF; Amateur Radio Newsline, Inc.
Keynote Speaker: Allen Pitts, W1AGP; The ARRL is Going Video.
Speakers: Henry Feinberg, K2SSQ; What is the story you want to tell?
Mark Abramowicz, NT3V; How to develop a story outline and write a script.
Bill Pasternak, WA6ITF; Acceptable production gear (or toss that VHS camcorder in the garbage can)
Jack Parker – WISH Television; How to shoot and what to shoot
Steve Mendelsohn, W2ML; Hear It Now – The Science of Field Production Audio
Keith Glispie, WA6TFD; Video editing in the 21st century
A sneak peak at the new ARRL video "The DIY Magic of Amateur Radio".

Please be advised that this forum will be recorded for future distribution. Your attendance at this event implies you have given your permission for being recorded and that your image and voice can be used by the producers at a later date without any form of remuneration.
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2:15 p.m. - 3:15 p.m. **Designing ham radio projects with micro controllers** **Room 2**

Moderator: George Zafiropoulos, KJ6VU
This forum is an introduction to micro-controllers, how do design with them and program them. Specific examples will highlight ham radio projects from simple circuits to complex projects including a keyed, repeater controller, etc.

Forum descriptions to be included in the program are due by April 1. Send to forums@hamvention.org

3:30 p.m. - 5:00 p.m. **Introduction to Digital-ATV** **Room 2**

Moderator: Art Towslee, WA8RMC; president of the ATCO ATV group in central Ohio and editor/publisher of the ATCO Newsletter

Speakers: Art Towslee, WA8RMC, Introduction
Gordon West, WB6NOA; ATV net THEME ideas that work!
Mike Collis, WA6SVT / Bill Brown WB8ELK; ATVQ Magazine overview
Lou McFadin, W5DID; DATV Space Station project / Oscar satellite activities
Ken Konechy, W6HHC; Introduction to Digital-ATV
Mike Collis, WA6SVT; ATV repeater linking in So. California
Chris Oesterling, N8UDK; Boy Scout ATV rocket launch

9:15 a.m. - 9:45 a.m. **Catastrophic Communications: How Can We Help?** **Room 3**

Moderator: Curt Bartholomew, N3GQ, FCC Public Safety & Homeland Security Bureau

Speaker: William Cross, FCC Wireless Telecommunications Bureau

The FCC wants your opinion! In addition to the annual update, an Emergency Communications survey will be passed out that can be filled-in on-site, e-mailed, or mailed-in (we want to know your opinions!)

9:45 a.m. - 10:15 a.m. **FCC Update** **Room 3**

Moderator: Curt Bartholomew, N3GQ, FCC Public Safety & Homeland Security Bureau

Speaker: William Cross, FCC Wireless Telecommunications Bureau

We will discuss catastrophic communications and EmComm standards. Stop by and pick up some FCC bookmarks, brochures, and a DHS/OEC NIFOG guide will be offered to attendees. At the end of all FCC presentations and the comments portion, the first 300 attendees will be offered a gift bought by Dee K3KAT and Bart N3GQ

10:30 a.m. - 11:45 a.m. **ARRL Member Forum**
Room 3

Moderator: Jim Weaver, K8JE, ARRL Director--Great Lakes Division

ARRL is the largest national Amateur Radio association in the world. The organization has over 156,000 members worldwide, publishes the popular monthly journal QST, and coordinates an extensive all-volunteer field organization. Hear from local and national ARRL officials on key areas of membership interest. Find out how ARRL supports dozens of ways to get involved and get on the air. Members and prospective members are welcome!

continued on page 43

2010 DARA Scholarships

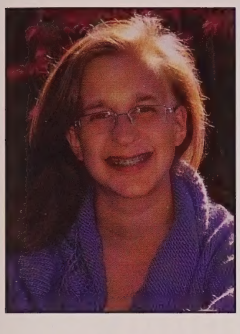
Since 1983, the Dayton Amateur Radio Association has been able to assist young amateurs heading to college by awarding scholarships. Over the years, we have awarded 135 scholarships that total more than $222,500. The scholarship can be used by the student for tuition at the school of his/her choice. The program is available nationwide to any FCC licensed amateur radio operator graduating from high school in the year the award is given. There are no restrictions on class of license or course of study.

Since we have returned to an "all-volunteer" show and reduced costs, we were able to reinstitute the scholarship program in 2005. We awarded two scholarships in 2006 and four scholarships per year since through ARRL. At the same time, we are investing funds ($200,000 to date) in the ARRL Foundation to ensure that the scholarship program will continue into the future.

Kathryn Ankenbauer, KD8AHA is a resident of Portage MI and a graduate student in the College of Architecture at the University of Nebraska in Lincoln NE carrying a 3.72 GPA and has been honored on the Dean's List. Kathryn holds a General Class Amateur Radio license and has been licensed since 2004. She has been a member of the University of Nebraska-Lincoln Amateur Radio Club since 2006 and is an ARRL member. She has been the recipient of several scholarships since she enrolled at the University. She is involved in campus organizations related to architecture as well as in lacrosse, music and church service. She has worked as an intern at the Nebraska architectural firm and served on NU Start, a leadership development organization at the University of Nebraska.

Chelsey Bruce, KC8YSS is a resident of Cuyahoga Falls OH and graduated from Cuyahoga Falls High School with a 4.286 GPA. Chelsey entered Mount Union College in Alliance OH to pursue studies in Biomedical Engineering toward a career as a missionary or a practitioner of sports medicine. During her years in high school Chelsey was honored for her achievements in swimming, cross country and track. She was honored as a Rotary Scholar for four years, was placed in the top 10 in her class for four years and a member of the National Honor Society. Chelsey was first licensed in 2003 and holds a Technician class license. She uses her Amateur Radio skills on missionary trips with her church and uses mostly 2m and 440. Her leadership experience included Buckeye Girls State and serving as captain of athletic teams. She was active in school music programs, sailing and traveling on mission trips with her church.

2010 DARA Scholarships



Elizabeth Garbee, KCØOTR is a resident of Black Forest CO and graduated from Pine Creek High School with a 4.45 GPA. Elizabeth entered Oberlin College to pursue studies in science toward a career in research. She was first licensed in 2003 and holds an Extra Class Amateur Radio license. She has been honored on the Principal's Honor Roll and received a National Merit Letter of Commendation. She participates in Field Day, operates on SSB (2m and 6M) and is a SKYWARN spotter. In other activities Elizabeth has been involved in music as a violinist since 1997, served as Concertmaster of the Young Artists Orchestra and worked with special needs students at the local elementary and high schools.

James Schwoebel, KJ4OKS is a resident of Newnan GA and a student at the Georgia Institute of Technology carrying a 4.0 GPA in Biomedical Engineering. His plans are for further studies toward a PhD in that field or attend medical school. James was first licensed in 2009 and holds a Technician Class Amateur Radio license. His Amateur Radio operations are limited to VHF and UHF operation while in college and he operates via Echolink making QSOs worldwide. He is a member of the Georgia Tech Amateur Radio Club, ARRL and Georgia SKYWARN. His academic success recognition by Phi Beta Kappa, the Dean's List, and as a national finalist for the US National Chemistry Olympiad Competition and nominations for the Governor's Honors Program. Jame's other activities include service for the Habitat for Humanity and The Catholic Youth Organization as well as high school athletics, the Science Bowl, Latin Club and Biomedical Engineering Society.

Future Scholarships

The ARRL Foundation will be announcing the recipients of DARA's Scholarships for this year after May 15th. To apply for future DARA Scholarships, each applicant must submit a transcript from their high school or college to complete their application. Applications must be submitted via the ARRL website and transcripts should be sent via e-mail. Applications without transcripts will not be considered. Questions concerning the application process should be directed to foundation@arrl.org.

Applications must be submitted no earlier than October 1st and no later than February 1st along with a current academic transcript.

Past DARA Scholarships Awarded

Year	Scholarship #1	Name	Call	Scholarship #2	Name	Call	Scholarship #3	Name	Call	Scholarship #4	Name	Call
1983		Richard Gibson			David Somers							
1984		Terence R. Mahone			Jerome J. Serotnik							
1985												
1986		Tracy LaFleur	N5FKG		Angela Fox	KA6JPD		Christine Hammer	WD8PWV		Brian Bourque	KA1IPP
1987		Carol Lee Colby	KA8PLF		Michael Wozniak	KD8TA		Douglas Kleeman	KA9LWN		Robert Jackson	KA7OCV
1988		Lynn Bailey	KA8PWD		Ross Lepiane	WG7I		David Milthaler	N8FGX		Scott Sterling	KA8UGM
1989		Laurie Sandell	N2FSO	Robert F. Zimmerman	Jon Kidder	KB8QFL		Cynthia Gauthier	N5KLQ		Lesley Walker	N4TFJ
1990	Charles G. Frye	Mark Hendrickson	N6WRL	Robert F. Zimmerman	Mary K. Beardslee	N8HY		Martin Green	KA2VLD		Jennifer Doerrie	KA5WMJ
1991	Charles G. Frye	James Harper	KB5CTQ	Robert F. Zimmerman	Jerry Hensley	N8HUT		John Scott	KA9OAG		Jennifer Doerrie	KA5WMJ
1992	Charles G. Frye	Thomas M. Turk	KM4VI	Robert F. Zimmerman	Shawn E. Allen	KB8IYA		Michael A. Shelly	KF0SV		Dwight A. Harris Jr.	N0NTM
1993	Charles G. Frye	Dean Madsen	KE0WO	Robert F. Zimmerman	Matthew Minney	N9PIG	David L. Beam	Steven Fook	N2PIF		Dwight A. Harris Jr.	N0NTM
1994	Charles G. Frye	Jerry "Jay" Hensley Jr.	N8HUT	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Douglas P. Regulinski	N2QAN		Dwight A. Harris Jr.	N0NTM
1995	Charles G. Frye	Teresa M. Hensley	KA8YTO	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Alexis M. Leynes	N9KYJ		Dwight A. Harris Jr.	N0NTM
1996	Charles G. Frye	Teresa M. Hensley	KA8YTO	Robert F. Zimmerman	Matthew R. Thomas	N8TWF	David L. Beam	Sandra K. Saunders	AB4KS		Dakota A. Derr	AA0NB
1997	Charles G. Frye	Jason Hale & Christopher Hale	KF4NVT KF4JUO	Robert F. Zimmerman	Griffith Davies	KC7NWC	David L. Beam	Karen Tessneer	KB8YPN	Frank Schwab	Andrew Sieber	KD4JTV
1998	Charles G. Frye	Adam F. Henry	KC8DDO	Robert F. Zimmerman	James P. Horn	KB8HIP	David L. Beam	Jessica S. Reinhardt	KD6ARA	Frank Schwab	David L. Sellars	N8WAE
1999	Charles G. Frye	George M. Hagedon	KF8XZ	Robert F. Zimmerman	Michael S. Schoettinger	KC8LQU	David L. Beam	Eian D. Counts	KC8EVP	Frank Schwab	Michael Gossenauer	N0UNY
2000	Charles G. Frye	Leslie K. Karp	KC6WZQ	Robert F. Zimmerman	Joseph M. McDermott	KC2CCA	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Michael Gossenauer	N0UNY
2001	Charles G. Frye	Sara K. Hanna	KE6MWX	Robert F. Zimmerman	Candice M. Elliott	KC2DTE	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Jeffrey R. Doub	KC8IOC
2002		Thomas A. Tenaglia	K3TAT		William S. Bailey	KF4VAU		Victoria R. Morgan	KF4PNI		Nicholas D. Bishop	KG6JSA

Year	Scholarship	Name	Call	Scholarship	Name	Call	Name	Call	Name	Call	Name	Call	Year
1983													1983
1984													1984
1985													1985
1986													1986
1987													1987
1988													1988
1989													1989
1990		Michael Adams	N8GEV										1990
1991		Mary K. Beardslee	N8HEY		Robert Macedo	N2JXQ	Eric Stewart	KA6YYW	Martin Gruen	KA2VLD			1991
1992		Kevin D. Creech	N7VYU		David C. May	KA7STL	Jerry A. Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD			1992
1993		Barbara Curry	N4TCC		David C. May	KA7STL	Jerry "Jay" Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD			1993
1994		Alexis M. Leynes	N9KYJ		Stefnee S. Lindberg	N0ONP	Sadie A. Pairitz	KB9CGX	Samantha L. Sheffield	KD4AMZ			1994
1995		Thomas Jirku	N1RFF		Shesha D. Martin	KD6IDF	Kyle Pinches	N8VRA	Johnathan Ramezan	KB8FSD			1995
1996		Lindsay L. Schoettinger	KB8ZJT		Melissa E. Schweikhart	KB8EPO	Eric J. Shook	KF8DF	Kurt A. Zoglmann	KB0TMQ			1996
1997	John Willig	Melissa E. Schweikhart	KB8EPO		Lindsay L. Schoettinger	KB8ZJT	Michael Gossenauer	N0UNY	Barry Mather	KB7VQV			1997
1998	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Brian P. Letendre	KE6IRJ	Michael Gossenauer	N0UNY	Colleen A. Loeffler	KB8QGX	Erin M. Swaney	N3MGY	1998
1999	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Beth A. Barlow	KC8EIU	Sonya A. Balsky	KB2MVU	Mignon M. Sims	KC5HJU	Nick E. Beltramelli	KB9FFS	John L. Walker	N4DMR	1999
2000	John Willig	Elizabeth S. Haynes	KA1YBE	L.T. Jones	Stephan A. Markland	KC8EAQ	Vanessa S. Dunlevy	KC8IFE	Julie H. Jeon	KF6YMD					2000
2001	John Willig	Frederick B. Hummler III	KB8WUI	L.T. Jones	Joseph P. Malburg	KC8DFT	Daniel S. Cox	KC8IGP	Derek E. Floyd	KC5DBS	Ryan P. McGaver	N9ARS			2001
2002		Jenne N. Hansen	KB2RAP		Sara K. Hanna	KE6MWX	Jeffrey R. Doub	KC8IOC	Michael J. Haessler	KB9TGE	Amy M. Morris	KI6IF			2002
2003															2003
2004															2004
2005							Jennifer Kincer	KC8HWM							2005
2006							Stuart Bottom	KF8UDF	Justin Kates	KB3JUV					2006
2007							Aaron Bestick	KD7YQE	Amy Johnson	KB3HXF	Bryce Salmi	KB1LQC	Jonathan Van Norman	KC0ORR	2007
2008				Dave Misek	Janet Ruminski	KC8WGT	Jonathan Baize	AD5OJ	Scott Button	KF3CP	Stephen Hughes	KI4EBV	Jacob Wagner	KD8CDC	2008
2009				Dave Misek	Janet Ruminski	KC8WGT	Nicholas Bauer	KC9CZY	Alex Brech	KC0YLD	Thomas Fieltz	KC8YAK	Emily Stewart	KC0PTL	2009
2010							Kathryn L. Aukenbauer	KD8AHA	Chelsey M. Bruce	KC8YSS	Elizabeth W. Garbee	KC0OTR	James W. Schwoebel	KI4PLS	2010

Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

Saturday (continued from page 39)

12:00 p.m. - 1:00 p.m. **RTTY Contesting** **Room 3**

A history of RTTY Contesting

Moderator: Shelby Summerville, K4WW

Speaker: Mike Sims, K4GMH

Today's various RTTY contests have evolved from the first one in 1953. A look-back at the history of RTTY contesting can provide insight into how and why many of the today's contest rules came about. To aid in this look-back, a timeline of RTTY contests from the First RTTY Contest (Sweepstakes) in 1953 to 2000 will be used.

The winner and winning score, contest duration, exchange message, scoring, who can work whom, and number of logs submitted will be provided for the contests on the timeline. The growth in the number of RTTY operators and, in turn, RTTY contesting will be discussed. Included will be possible reasons for this growth. In addition, a first hand description of what it was like participating in an early seventies RTTY contest compared to today's RTTY contesting will be interspersed during the presentation.

1:15 p.m. - 2:15 p.m. **NASA Astronaut Douglas H. Wheelock, KF5BOC** **Room 3**

ARRL and AMSAT welcome NASA Astronaut, Colonel Douglas H. Wheelock, KF5BOC to Hamvention®. Doug returned to Earth in November 2010 after serving as Commander of the International Space Station (ISS). While on board the ISS, he, along with fellow astronaut Shannon Walker, KD5DXB, participated in the Amateur Radio on the International Space Station (ARISS) program. ARISS reports that he made some two dozen general contacts each day he was on the air. Doug will share his experiences about space flight and using Amateur Radio in space.

2:30 p.m. - 3:30 p.m. **The Future of ARES…Where do we go from here?** **Room 3**

Moderator: Jack Sovik, KB8WPZ , ARRL Ohio Section Emergency Coordinator

Speakers: Frank Piper, KI8GW, Section Manager, Ohio

Mike Corey, W5MPC; Emergency Preparedness Manager, ARRL

3:45 p.m. - 5:00 p.m. **Maintaining Your Collins Ham Radio Equipment** **Room 3**

Moderator: David Knepper, W3ST/W3CR Secretary of the Collins Radio Association.

Speakers: David Knepper, W3ST/W3CRA

Ted Craven, W5USI, , former Factory Service Representative for Collins Radio Company and president, A.R.F.C. - W5USI Publishing and Laboratory

On display will be an operating pre-WWII, Collins 4A transmitter

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

9:15 a.m. - 11:00 a.m **VHF/UHF/Microwave** **Room 5**

Moderator: Michael Schulsinger, N8QHV & Red Dakin, W8ULC

Speakers: Palle Preban-Hansen, OZ1RH; Working DX on a Dead 50 MHz Band Using Meteor Scatter.

Gary Gerber, KB0HH; KB0HH Bunkhouse— A Contest Station for UHF/VHF/HF.

David Olean, K1WHS; Directive System 50 MHz Contest Array

Joe Taylor, K1JT; Weak Signal Communications

11:15 a.m. - 1:30 p.m. **AMSAT** **Room 5**

Moderator: Alan Biddle, WA4SCA

Speakers: Barry Baines, WD4ASW; AMSAT Status Report

Barry, AMSAT President;will highlight recent activities within AMSAT, and discuss some of the challenges and accomplishments of the organization.

Alan Kung, BA1DU; Say Hi to the world - from AMSAT-China

Alan, CEO of AMSAT-China, will discuss the activities of AMSAT-China.

Gould Smith, WA4SXM; ARISSat-1 in Space

Gould, AMSAT Project Manager for ARISSat-1, will talk about its operation aboard the ISS, and the planned deployment and operations this summer.

Tony Monteiro, AA2TX; Project Fox - AMSAT's First CubeSat.

Tony, AMSAT Engineering VP, will discuss the design and status of Project-FOX.

Alex Harvilchuck, N3NP; NextGen CubeSat Program Update.

Alex, a Systems Engineer with IBM, is the NextGen CubeSat Program Manager and will be providing an update on the Program.

1:45 p.m. - 3:00 p.m. **SSTV** **Room 5**

Moderator: Don Miller, W9NTP

Speaker: Mel Whitten, K0PFX;

A New Digital Slow Scan program (KGSTV) from Japan Written By J0OBZ. Mel will also discuss ways to improve radio performance for the Easy Pal digital slow program.

3:15 p.m. - to 5:00 p.m. **Modern DSP Systems** **Room 5**

Moderator: Bob Heil

LET'S TALK ABOUT YOUR MENUS
(and not the ones in high priced restaurants)

A lively workshop using working radios that explains and demonstrates the importance and ease of proper adjustment and understanding of modern DSP systems.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

SUNDAY May 22th

9:15 a.m. - 10:15 a.m **Red Cross** **Room 1**
Greater Erie County Red Cross Chapter
Moderator: Duane Whittingham, N9SSN

10:30 a.m. - 11:30 a.m. **An Appalachian Journey** **Room 1**
An Appalachian Trail QRP Adventure-a photo essay
Moderator: Dennis R. Blanchard, K1YPP
In 2007, K1YPP set off to hike the Appalachian Trail. He packed a QRP radio, antenna, hiking gear and spent six months on the trail. There was one minor interruption of 300 days for a six-artery heart bypass operation, but once recovered, he finished the trail and filled his log book with QSO's from all 14 states along the trail.

9:15 a.m. - 10:15 a.m. **A Case for Radio Club and Local School Partnerships** **Room 2**
Moderator: Nathan McCray, K9CPO
The ARRL Education & Technology (ETP) Program supports resources to help integrate wireless technology into school curricula using ham radio as an educational tool. ARRL ETP Instructor Nathan McCray, K9CPO, will offer suggestions to radio clubs seeking partnerships with local schools. Topics include advice for approaching schools, indentifying curriculum connections (elementary, middle and high schools), and using a multi-technology approach that includes Amateur Radio, other wireless technologies and robotics. Learn also about the annually-sponsored ARRL Teachers Institute workshops.

10:30 a.m. - 11:30 a.m. **QCWA** **Room 2**
An overview of QCWA
Moderator: Larry McCalvy, WA9JMO
Speakers: Gary Harrison, K0BC, Ken Simpson, W8EK
Val Erwin, W5PUT, Skip Swenson, WA6VVA,
Bob Smith, KK3P, Baldy Baldwin, W0OFY
Walt Supina, N3WS, Tony Hirsh, W8RSH
This year's forum will contain an overview of QCWA, where we've been, where we are, where we are going. We'll talk a little about what's going on at the FCC. We'll have a short clip of Leo Meyerson's 100th Birthday Party.

9:15 a.m. - 10:15 a.m. **Friends at the Factory in Hong Kong** **Room 3**

How things get made in China (and Japan).

Moderator: Dan Van Hoy, VR2HF/K7DAN

Forum presents never before seen photos inside of Icom's factory near Osaka, Japan. The rise of China as a player in the amateur radio market is inevitable. The release of multi-band transceivers for VHF/UHF as well as development of HF transceivers from China brings a whole new level of competition to the hobby.

During this talk we will take an inside look at how factories in China produce all kinds of electronic gadgets. We will also go on a tour of Icom's ham radio factory in Japan with lots of pictures and descriptions of their unique production process. The presentation will include a Q&A session.

10:30 a.m. - 11:30 a.m. **Joint Service Military Auxiliary Radio System (MARS)** **Room 3**

Moderator: Gary Sessums, MARS National Military Liaison

Speakers: Chief of Navy-Marine Corps – MARS
Bo Lindfors, NNN0ASA
Chief of Air Force MARS – Richard Jenson, AGA5C
Chief of Army MARS – Jim Griffin, AAA9A
News updates from the MARS Service Chiefs
DoD contingency communications exercises
Automatic Link Establishment (ALE)

9:15 a.m. - 11:15 a.m. **Bicycle Mobile** **Room 5**

The 21st Annual BMHA forum at Hamvention

Moderator: Mike Nickolaus, NF0N

Speakers: Norm Huber, N9ZKS, and Mike Nickolaus, NF0N

Bicycle Mobile Hams of America got its start in 1989 when a QST article by Hartley Alley, NA0A asked hams who operate their radios while bicycle-mobile to get together and form a group. BMHA hosts a website along with the BMHA Yahoo Groups forum.

Norm Huber, N9ZKS, will present "Boy Scouts of America, Bicycling and Ham Radio. Three hobbies blended with service to others", his experiences with BSA combining Bicycling, Ham Radio and being a badge counselor.

Mike Nickolaus, NF0N, will present "Ride to my 50th High School Class Reunion", a recreation of the ride by NA0A that started BMHA.

We plan to have bicycle mobile displays and demonstrations of each will be conducted.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

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1926	C.A. Petry	8AWN
1927	C.A. Petry	8AWN
1928	Lou Driggs	W8HEQ
1929	Ray Stotts	
1930	Art John	W8DMI
1931	Fred Rawson	W8KKH
1932		
1933	Fred Allen	W8GER (W8FU)
1934		
1935	Dan C. McCoy	W8CI (W8DG)
1936		
1937		
1938	Emil Henrich	W8OVL
1939		
1940	Russ Gardner	W8TPC
1941		
1942	Cheever Ely	W8LJ
1943	Cheever Ely	W8LJ
1944	Cheever Ely	W8LJ
1945	Hyde E. Ruble	W8PTF
1946	Hyde E. Ruble	W8PTF
1947	Russ Hardy	W8AQT
1948	Clem Wolford	W8ENH
1949	John Willig	W8ACE
1950	Clem Wolford	W8ENH
1951	Frank Schwab	W8YCP (W8OK)
1952	Frank Schwab	W8YCP (W8OK)
1953	Hyde E. Ruble	W8PTF
1954	Rudy Plak	W8ZOF
1955	Allan D. Gunston	W8GQ
1956	Andrew B. Henderson	W8WYL
1957	Robert G. Siff	W8QDI
1958	Ed F. Bonnet	W8OVG
1959	Joseph H. McNutt	W8GFN
1960	Walter G. Burdine	W8ZCV
1961	Robert F. Zimmerman	W8DPW (W8ZM)
1962	Hyde E. Ruble	W8PTF
1963	Richard D. McFadden	K8ERE
1964	Ted Suarez	K8BSC
1965	Robert E. Wilcox	K8EJI
1966	Jim Dakin	K8BPC
1967	Ken Mills	W8RLY
1968	George Shearer	WA8IHC (KE8WJ)
1969	George Shearer	WA8IHC (KE8WJ)
1970	Owen Vance	WA8PHW
1971	Jules Wittebort	W8SE
1972	Budd Chaney	WA8UUX
1973	Wesley Duckwitz	W8TPT
1974	Ken Mills	W8RLY
1975	Robert O. Wilson	W8JRN
1976	Robert O. Wilson	W8JRN
1977	Melvin L. Levy	WA8YKV
1978	Melvin L. Levy	WA8YKV
1979	William G. Ingling	W8SVI
1980	William G. Ingling	W8SVI
1981	Victor M. Stauder	N8FPF (WA2KOO)
1982	Victor M. Stauder	N8FPF (WA2KOO)
1983	Thomas Holmes	N8ZM
1984	Victor M. Stauder	N8FPF (WA2KOO)
1985	Edgar “Red” Smith	W8RKL
1986	Ray Smith	KR8B
1987	Ray Smith	KR8B
1988	Al Torres	KP4AQI
1989	Thomas Holmes	N8ZM
1990	Thomas Holmes	N8ZM
1991	Ron L. Moorefield	W8ILC
1992	Thomas Holmes	N8ZM
1993	Victor M. Stauder	N8FPF (WA2KOO)
1994	Thomas Holmes	N8ZM
1995	Dave Coons	WT8W
1996	Dave Coons	WT8W
1997	Michelle Ervin	KA9FUL
1998	Gary Des Combes	N8EMO
1999	Gary Des Combes	N8EMO
2000	John Phillips	N8ZGT
2001	Reuben Meeks	W8GUC
2002	Reuben Meeks	W8GUC
2003	Mike Buehler	N8XGA
2004	Mike Buehler	N8XGA
2005	Mike Kalter	W8CI
2006	Mike Kalter	W8CI
2007	Jim Simpson	WB8QZZ
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2009	Steve Coy	K8UD
2010	Jim Simpson	WB8QZZ

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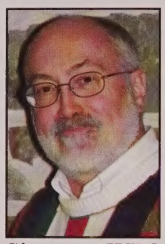

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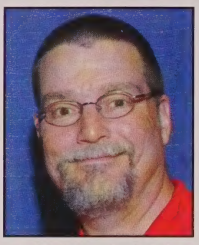

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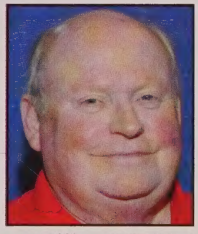

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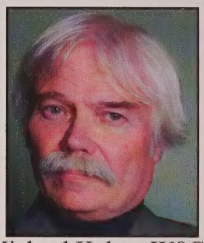

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Web Sites:

WWW.W8BI.ORG

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